

CHEVRON USA #9-8260
1011 UNIVERSITY AVE
RIVERSIDE CA 92507

SITE 91-776

Closed

8/17/80

member

TEL

TEL
COMMUNICATIONS, INC.

505	818	515	515	513	
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Riverside County
Local Oversight Program
Electronic Case File

Site Name: Chevron USA #98260

Site Number: 91776

Electronic File #: 1

***File organized chronologically starting with #1 ***
(#1 containing the most recent information)

Closed
LOP File From

Box 9

Emp ID _____

03/31/08

Underground Storage Tank Cleanup

Site Id: **91776** Site Name: **Chevron #9-8260**ADDRESS> Street Number: **1011** Street: **University Ave**City: **Riverside** Zip Code: **92507** Employee Number: **2**Substance: **12036** ; ; ; Priority:Date Reported: **8/20/1991** Date Confirmed: **8/20/1991** Category: **R**Fund: **F** Fed Exempt: **N** Petroleum: **Y** Case Type: **S** Contract Status: **9**

RP Search:	S	Date Begin:	8/20/1991	Date End:	8/20/1991
Prelim Assessment:	C	Date Begin:	8/16/1991	Date End:	8/20/1991
Remedial Investig:		Date Begin:		Date End:	
Remedial Action:	C	Date Begin:	8/16/1991	Date End:	8/23/1991
Post Remedial Monitoring:		Date Begin:		Date End:	

DT Emerg Resp: Enf Action: **Y** Type: **2** DT Action: **3/16/1992**Date Last Corresp: **5/1/1992** Case Closed: **Y** Date Closed: **5/1/1992**DT Exc Start: **8/16/1991** Reimb Letter: **Y** Luft Category: **2HSCA**Remed Action: **ED** Supv Dist: **1** Region: Santa Ana Cap Exten Exp:

Rp Contact Name:	Kim Wiseman	RP Cost:
Rp Company Name:	Chevron USA	RP Phone:
Address:	1300 S	Street:
		Beach Blvd Bldg #4516
City:	La Habra	State/Zip:
		CA 90632

RP #2 -		RP Phone:
RP Contact Name:		
RP Company Name:		
Address:	Street:	
City:	State/Zip:	

RP #3 -		RP Phone:
RP Contact Name:		
RP Company Name:		
Address:	Street:	
City:	State/Zip:	

RP #4 -		RP Phone:
RP Contact Name:		
RP Company Name:		
Address:	Street:	
City:	State/Zip:	

COMMENT :

Up Date: 1/18/2005

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - USF CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
CONTRACTOR NO. 33000
THROUGH

SOURCE OF FUNDS: F SUBSTANCE: 12036
SITE NO: 91776 FEDERAL EXEMPTION
SITE NAME: Chevron #9-8260 PETROLEUM: Y
ADDRESS: 1011 University Ave DATE REPORTED: 08/20/91
CITY/ZIP: Riverside 92507 DATE CONFIRMED: 08/20/91
CATEGORY: R

SITE STATUS

CASE TYPE: S	CONTRACT STATUS: 9	EMERGENCY RESP:
RP SEARCH: S	DATE UNDERWAY: 08/20/91	DATE COMPLETED: 08/20/91
PRELIMINARY ASMNT: C	DATE UNDERWAY: 08/16/91	DATE COMPLETED: 08/20/91
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:
REMEDIAL ACTION: C	DATE UNDERWAY: 08/16/91	DATE COMPLETED: 08/23/91
POST RA MON:	DATE UNDERWAY:	DATE COMPLETED:
ENFORCEMENT ACT: Y	TYPE: 2	DATE TAKEN: 03/16/92
LUFT FIELD MANUAL CONSID: 2HSCA		
CLOSED: Y		DATE CLOSED: 03/01/92
DATE EXCAVATION STARTED: 06/16/91	REMEDIAL ACTIONS TAKEN: 0	

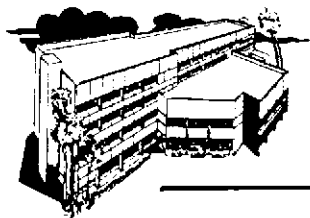
RESPONSIBLE PARTY

RP#1-CONTACT NAME: Kim Wiseman
COMPANY NAME: Chevron USA
ADDRESS: 1300 S Beach Blvd Bldg 4516
CITY/STATE: La Habra CA 90632
PHONE:

RP#2-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#3-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:

RP#4-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:
PHONE:



COUNTY OF RIVERSIDE DEPARTMENT OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

May 1, 1992

Site #91-776

KIM WISEMAN
CHEVRON USA
1300 S BEACH BLVD, BLDG. 4516
LA HABRA CA 90632

Dear Ms. Wiseman:

Subject: Chevron Station #9-8260 1011 University Ave, Riverside

This letter confirms the completion of site investigation and remedial action for the underground storage tanks at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, contact this office at (714) 358-5055.

Sincerely

Sharon Boltinghouse
Hazardous Materials Specialist

SB:kw

cc: SWRCB
RWQCB

HEALTH CENTERS

BANNING 3055 RAMSEY STREET - Banning, CA 92220 • BLYTHE 263 NORTH BROADWAY - Blythe, CA 92225 • CASA BLANCA 7240 MARGUERITE - Riverside, CA 92504 • CORONA 505 SOUTH BUENA VISTA - Corona, CA 91720 • HEMET 680 NORTH STATE STREET - Hemet, CA 92343 • INDIO 46-209 OASIS STREET - Indio, CA 92201 • LAKE ELSINORE 30195 FRASER DR. - Lake Elsinore, CA 92530 • PALM SPRINGS 3111 TAHQUITZ-MCCALLUM - Palm Springs, CA 92262 • PERRIS 237 NORTH "D" ST. - Perris, CA 92370 • RIVERSIDE 1520 LINDEN ST. - Riverside, CA 92507 • JURUPA 5415 MISSION BLVD. - Riverside, CA 92509 • TEMECULA 41002 COUNTY CENTER DRIVE - Temecula, CA 92390

- 8-21-91 11:15 Shireen Eckhart of Chevron called to ask me about sampling which has already been done on-site. I told her that we will not recognize those samples taken because there was not a representative of County Health to witness.
- 8-22-91 2:20 Talked to Shireen again. They will sample again w/ Roy Bryant on-site on 8-23-91 @ 8:30 am.
- 8-23-91 Roy on-site for sampling
- 10-22-91 2:45 Called Shireen @ Chevron about site closure report. She said it's on her list for this week. I should receive it by 1st week in Nov. She'll also enclose disposal manifests w/ it.
- 4-29-92 Reviewed closure report - Site ready for closure - All previously identified contamination removed. SCB



Chevron U.S.A. Inc.

1300 South Beach Boulevard, Building 4516, La Habra, California • Phone (310) 694-7300
Mail Address: P.O. Box 2833, La Habra, CA 90632-2833

Marketing Department

December 12, 1991

Chevron Station 9-8260
1011 University Avenue
Riverside, California

Inspector Roy Bryant
Riverside County Health Department
4065 County Circle Drive
P.O. Box 7600
Riverside, California 92513

Dear Inspector Bryant:

Enclosed is a copy of the "Tank Closure Report", dated December 1991, for the above referenced site. The report details the tank removal activities, soil sampling, subsequent excavation and resampling procedures. After excavating the soils beneath the pump islands to as much as 8.5 feet below grade the soils were resampled. Maximum hydrocarbon concentrations yielded < 10 ppm TPH, < .005 ppm benzene, < .005 ppm toluene, < .005 ppm ethyl-benzene and < .015 ppm total xylenes.

Chevron requests that closure be granted for this site. I look forward to hearing from you soon. If you have any questions concerning this report please call me at (213) 694-7352.

Very Truly Yours,
CHEVRON U.S.A., INC.

Shireen Eckhardt
Geologist

RECEIVED

DEC 30 1991

DIVISION OF
HEALTH DEPT.
Mental Health
1000 10th St. N.W.
Washington, D.C. 20001



Chevron U.S.A. Inc.

1300 South Beach Boulevard, Building 4516, La Habra, California • Phone (310) 694-7300
Mail Address: P.O. Box 2833, La Habra, CA 90632-2833

*Reviewed
by SCB 4-29-92
- ok -
site ready for
closure -*

Marketing Department

**PREPARED FOR: MARIO BAUTISTA
CHEVRON U.S.A. INC.
1300 SOUTH BEACH BOULEVARD
LA HABRA, CALIFORNIA 90632**

**TANK CLOSURE REPORT
CHEVRON SERVICE STATION #9-8260
1011 UNIVERSITY
RIVERSIDE, CA 92507**


REPORT DATE: DECEMBER 1991

**PREPARED BY: CHEVRON U.S.A. INC.
1300 SOUTH BEACH BOULEVARD
LA HABRA, CALIFORNIA 90632**

WRITTEN BY:


**SHIREEN G. ECKHARDT
GEOLOGIST**

REVIEWED BY:


**DAN J. GALLAGHER
REGISTERED GEOLOGIST
CALIFORNIA REGISTRATION
NO. 5129**

SGE/1-34D/015

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APPENDICES

APPENDIX A: Tank Abandonment Permit
APPENDIX B: SCAQMD Rule 1166 Monitoring Logs
APPENDIX C: Tank Disposal Form
APPENDIX D: Rinseate Manifest
APPENDIX E: Soil Sampling and Shipping Protocols and Soil Disposal Documents
APPENDIX F: Laboratory Analysis Reports and Chains-of-Custody

GENERAL INFORMATION

Closure Permit Number: 91-220 (Appendix A)

Site Description: ☐ Operating ☒ Re-build ☐ Abandoned

Removed Facilities: ☒ Piping ☒ Pump Islands ☒ Tanks ☐ None

Tank Removal Date: 8/16/91 Piping Removal Date: 8/16/91

Excavation Date: 8/20/91, 8/23/91

Tank Removal Procedures: Backhoe was used to excavate. Tanks were triple rinsed and dry iced and approved by Riverside County Health Inspector, Brenda Magregor. Tanks were removed and loaded onto a truck using a crane and transported to AMR for disposal.

Hydrogeology:

1. **Estimated Depth to Groundwater:** Greater than 65'
 - a. **Groundwater data obtained from:** Riverside County Flood Control
 - b. **Nearby well information:**
 1. **Well #:** 2S4W29M1 **DTW =** 66.2 **Date:** 12/90
Well location: 3/4 mile Southeast of site
 2. **Well #:** 2S4W19J2 **DTW =** 189.9 **Date:** 3/84
Well location: 1/3 mile Northeast of site
 - c. **On-site monitoring well information:** None
 - d. **Historic high groundwater level:** 60.7 feet (1965)
2. **Groundwater Encountered In Excavation:** ☐ Yes ☒ No
3. **Geologic Information:** Quaternary alluvial deposits of non-marine origin consisting of interbedded clay, silt, sand and gravel.

South Coast Air Quality Management District: ☒ Yes ☐ No

Rule 1166 Monitoring Records Location: Appendix B

TANK AND PIPING DATA

<u>Tank #</u>	<u>Remove Date</u>	<u>U.L. #</u>	<u>Composition Mat.</u>	<u>Size (Gal.)</u>	<u>Age (Yrs.)</u>	<u>Contents</u>	<u>Remarks (Tank Cond.)</u>
<u>1</u>	<u>8-16-91</u>	<u>E675974</u>	<u>Steel</u>	<u>7000</u>	<u>27</u>	<u>Unleaded</u>	<u>Pit/rusty</u>
<u>2</u>	<u>8-16-91</u>	<u>E583567</u>	<u>Steel</u>	<u>7000</u>	<u>27</u>	<u>Regular</u>	<u>Rusty</u>
<u>3</u>	<u>8-16-91</u>	<u>E675847</u>	<u>Steel</u>	<u>3000</u>	<u>27</u>	<u>Supreme</u>	<u>Pit/rusty</u>
<u>4</u>	<u>8-16-91</u>	<u>Unknown</u>	<u>Steel</u>	<u>550</u>	<u>27</u>	<u>Used Oil</u>	<u>Pit/rusty</u>

Piping Type: Steel

Piping Triple Rinsed: Yes X No; Transported as Hazardous: Yes X No
Piping was purged prior to removal.

Tanks Triple Rinsed: X Yes No; Transported as Hazardous: Yes X No

Tank/Piping Disposal Location:

American Metal Recycling, Inc.
2202 South Milliken Avenue
Ontario, CA 91761

Tank/Piping Disposal Certificate Number(s):

37345, 37348, (Appendix C)

Tank/Piping Rinseate Disposal Location:

Gibson Oil and Refining Company, Inc.
End of Commercial Drive
Bakersfield, CA 93308

Tank/Piping Rinseate:

Manifest Number(s):

89891796 (Appendix D)

Tanks Dry-Iced: X Yes No 15 lbs. per 1,000 gal capacity

**PERSONNEL ON-SITE DURING TANK/PIPING CLEANING AND REMOVAL
OPERATIONS**

UST Agency: Riverside County Health, **Inspector:** Brenda J. Macgregor

Tank Cleaning Contractor: Erickson, Inc.

Construction Contractor: R. D. Builders

Chevron Engineer: Mario Bautista

Chevron Geologist: Shireen Eckhardt

SOIL INFORMATION

Description of Excavation Soils:

Sand

Backfill Material Soil Type:

Pea gravel

Soil Sample Collection Method: ☒ Glass Jars ☐ Brass Rings

Soil Samples Collected By:

Shireen Eckhardt (Chevron)

Description of Soil Sampling and Shipping Protocols: Appendix E

Soil Sample Containers Sealed by Regulatory Personnel: ☒ Yes ☐ No

Samples Sent to State Certified Laboratory for Analyses: ☒ Yes ☐ No

Laboratory Name and Location:

GTEL Environmental Laboratories
20000/300 Mariner Drive
Torrance, CA 90503

TANK EXCAVATION, PUMP ISLAND, AND PIPING RUN SOIL SAMPLE DATA

<u>ID#</u>	<u>Sample Date</u>	<u>Location/Depth</u>	<u>Soil Type</u>	<u>Description</u>
1A-2	8-16-91	14 ft.	Sand	No odor
1A-6	8-16-91	18 ft.	Sand	No odor
2A-2	8-16-91	14 ft.	Sand	No odor
2A-6	8-16-91	18 ft.	Sand	No odor
3A-2	8-16-91	14 ft.	Coarse sand	No odor
3A-6	8-16-91	18 ft.	Sand	No odor
2B-2	8-16-91	14 ft.	Silt/Sand	No odor
2B-6	8-16-91	18 ft.	Sand	No odor
4A	8-16-91	10 ft.	Sand	No odor
PI1A	8-16-91	2 ft.	Silty Sand	Slight odor
PI1B	8-16-91	2 ft.	Silty Sand	Odor
PI2A	8-16-91	2 ft.	Silty Sand	Odor
PI2B	8-16-91	2 ft.	Silty Sand	Slight odor
PR1A	8-16-91	2 ft.	Silty Sand	No odor

SUBSEQUENT HAND AUGERING INFORMATION

Hand Augering Date: 8-20-91

Equipment Used: ☐ Track-hoe ☐ Back-hoe ☐ Dozer

☒ Other Hand Auger was used to sample at PI1A and PI2A.

Purpose of Subsequent Hand Augering:

To determine extent of hydrocarbon impacted soil.

Exact Location of Subsequent Hand Augering Activities:

Sampling by hand augering occurred at PI1A and PI2A sample locations

SUBSEQUENT EXCAVATION INFORMATION

Excavation Date: 8-23-91 Volume of Excavated Soil: 50 cy

Excavation Equipment Used: ☐ Track-hoe ☐ Back-hoe ☐ Dozer

☒ Other Bob-cat

Purpose of Subsequent Excavation:

To excavate hydrocarbon impacted soil near Pump Islands 1 and 2.

Exact Location of Subsequent Excavation Activities:

PI1A and PI2A sample locations

Approximate Final Excavation Pit Size: at PI1A 10 ft. x 5 ft. x 6 ft. and at PI2A 11 ft. x 8 ft. x 8.5 ft.

County
Personnel
NOT on-site
to witness
sampling
on 8-20-91

HAND AUGERING SOIL SAMPLE DATA

<u>ID#</u>	<u>Sample Date</u>	<u>Location/Depth</u>	<u>Soil Type</u>	<u>Description</u>
PI1-2-7	8-20-91	7 ft.	Sand	No odor
PI2-7-11	8-20-91	11 ft.	Sand	No odor

EXCAVATION SOIL SAMPLE DATA

PI1A-6	8-23-91	6 ft.	Sand	Slight odor
PI2-A-7	8-23-91	7 ft.	Sand	Slight odor
PI2A-8.5	8-23-91	8.5 ft.	Sand	Slight odor

STOCK-PILE SOIL INFORMATION**Stock-pile Identifications and Estimated Volumes:**

I.D. = SP1	Volume = 50cy
I.D. = SP2	Volume = 100cy
I.D. = SP10	Volume = 50cy
I.D. = UO	Volume = 30cy

Stock-piles Removed From Site: ☒ Yes ☐ No**Identification of Stock-piles Transported For Disposal:**

SP10

Destination of Stock-pile Soil:

Laidlaw Environmental Services
 5295 South Garvey Road
 Imperial Valley, CA 92281

Soil Disposal:**Manifest Number(s):**

90170877, 90170878, 90170879, 90170881 (Appendix E)

Stock-pile Soil Used to Backfill Excavation: X Yes No**Identification of Stock-Piles Used as Backfill:**

SP1, SP2, UO

STOCK-PILE SOIL SAMPLE DATA

<u>ID#</u>	<u>Sample Date</u>	<u>Location/Depth</u>	<u>Soil Type</u>	<u>Description</u>
SP1A	8-16-91	Stockpile 1	Sand	No odor
SP2A	8-16-91	Stockpile 2	Sand	No odor
SP2B	8-16-91	Stockpile 2	Sand	No odor
SP10A	8-23-91	Stockpile 10	Sand	Slight odor
UOA	8-16-91	Stockpile UO	Sand	No odor

Table 1

**Chevron Service Station #9-8260
Laboratory Results of Soil Sample Analysis**

Tank and Piping Excavations

EPA Method 8020

Sample ID	Benzene	Toluene	Ethyl-Benzene	Xylenes	TPH (8015)	TPH (418.1)	Total Lead (7420)
1A-2	<0.005	.006	<0.005	<0.015	<10	-	-
1A-6	<0.005	<0.005	<0.005	<0.015	<10	-	-
2A-2	<0.005	.006	<0.005	<0.015	<10	-	-
2A-6	<0.005	.006	<0.005	<0.015	<10	-	-
2B-2	<0.005	.006	<0.005	<0.015	<10	-	-
2B-6	<0.005	.008	<0.005	<0.015	<10	-	-
3A-2	<0.005	.006	<0.005	<0.015	<10	-	-
3A-6	<0.005	<0.005	<0.005	<0.015	<10	-	-
4A	<0.005	.005	<0.005	<0.015	-	20	-
PR1A	<0.005	<0.005	<0.005	<0.015	<10	-	-
PI1A	<.5	.6	<0.5	9.2	800	-	-
PI1B	<0.005	.008	<0.005	.025	<10	-	-
PI2A	99	860	300	2700	15000	-	-
PI2B	<0.01	.02	<0.010	.08	17	-	-
PI1-2-7*	<0.005	<0.005	<0.005	<0.015	<10	-	-
PI2-7-11*	<0.005	.012	.093	1.4	24	-	-
PI1A-6	<0.005	<0.005	<0.005	<0.015	<10	-	-
PI2A-7	<0.005	<0.005	<0.005	<0.015	<10	-	-
PI2A-8.5	<0.005	<0.005	<0.005	<0.015	<10	-	-

*PI1-2-7, PI2-7-11 Hand Augered Samples

- = Not Analyzed

Results reported in parts per million (ppm)

Not 8-20-91
with the data

5-23-91
Samples below
digener
& below 4'5"
PI1-2-7
PI2-7-11

Table 2

**Chevron Service Station #9-8260
Laboratory Results of Soil Sample Analysis**

Stock-Pile Soil

EPA Method 8020

<u>Sample ID</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-Benzene</u>	<u>Xylenes</u>	<u>TPH (8015)</u>	<u>TPH (418.1)</u>	<u>Lead (7420)</u>
SP1A	<0.005	.005	<0.005	<0.015	<10	-	-
SP2A	<0.005	<0.005	<0.005	<0.015	<10	-	-
SP2B	<0.005	.006	<0.005	<0.015	<10	-	-
SP10A	5.1	61	30	400	3800	-	-
UOA	<0.005	0.007	<0.005	<0.015	-	70	-

- = Not Analyzed

Results reported in parts per million (ppm)

*sampled
on 8-22-91*

CONCLUSION

On August 16, 1991 three product tanks, one used oil tank, product and vapor piping were removed from Chevron service station 9-8260 at 1011 University in Riverside, California, as part of a facility upgrade. A total of 9 soil samples were collected from beneath the product and used oil tanks. The concentrations of hydrocarbons in these samples ranged from <10 ppm Total Petroleum Hydrocarbons (TPH), <0.005 ppm benzene, <0.005 ppm to .008 ppm toluene, <0.005 ppm ethyl-benzene, and <0.015 ppm total xylenes. In addition, there was 20 ppm Total Petroleum Hydrocarbons (EPA 418.1) beneath the used oil tank.

A total of five soil samples were collected from beneath the dispensers and product piping. The concentrations of hydrocarbons in these samples ranged from <10 ppm to 15000 ppm Total Petroleum Hydrocarbons (TPH), <0.005 ppm to 99 ppm benzene, <0.005 ppm to 860 ppm toluene, <0.005 ppm to 300 ppm ethyl-benzene, and <0.015 ppm to 2700 total xylenes.

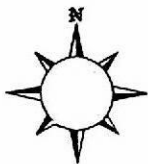
A total of four soil samples were collected from the soil piles (SP1, SP2, UO). The concentrations of hydrocarbons in these samples were <10 ppm TPH, <0.005 ppm benzene, <0.005 ppm to .007 ppm toluene, <0.005 ppm ethyl-benzene and <0.015 ppm total xylenes. In addition, there was 70 ppm total petroleum hydrocarbons (EPA 418.1) in the used oil soil pile. The soil piles SP1, SP2 and UO were used as backfill for tank excavations.

On August 20, 1991, hand augered soil samples were collected in the areas of sample locations PI1A, and PI2A to delineate the hydrocarbons in the soil prior to excavation. These samples were taken from 7 feet (PI1-2-7) and 11 feet (PI2-7-11) below grade, respectively. The concentrations of hydrocarbons in these samples ranged from <10 ppm to 24 ppm TPH, <0.005 ppm benzene, <0.005 ppm to .012 ppm toluene, <0.005 ppm to .093 ppm ethyl-benzene and <0.015 ppm to 1.4 ppm total xylenes.

On August 23, 1991, additional soil excavation occurred in the areas of sample locations PI1A and PI2A. The areas were resampled at 6 feet (PI1A-6), 7, and 8.5 feet (PI2A-7, PI2A-8.5) below grade. These soil samples contained <10 ppm TPH, <0.005 ppm benzene, <0.005 ppm toluene, <0.005 ppm ethyl benzene and <0.015 ppm total xylenes, respectively.

One sample was collected from the soil pile generated on August 23, 1991 (SP10A). The concentrations of hydrocarbons in this sample was 3800 ppm TPH, 5.1 ppm benzene, 61 ppm toluene, 30 ppm ethyl-benzene and 400 ppm total xylenes. This soil pile was transported to Laidlaw Environmental Services for disposal.

The depth to groundwater at this site is reportedly greater than 65 feet below grade, per information from Riverside County Flood Control. The soils underlying this facility consists of alluvial deposits, of non-marine origin consisting of clay, silt, sand and gravel.



○ = WELL LOCATION

SCALE IN MILES



Chevron U.S.A. Inc.
Southwest Region
La Habra, CA

SITE LOCATION MAP

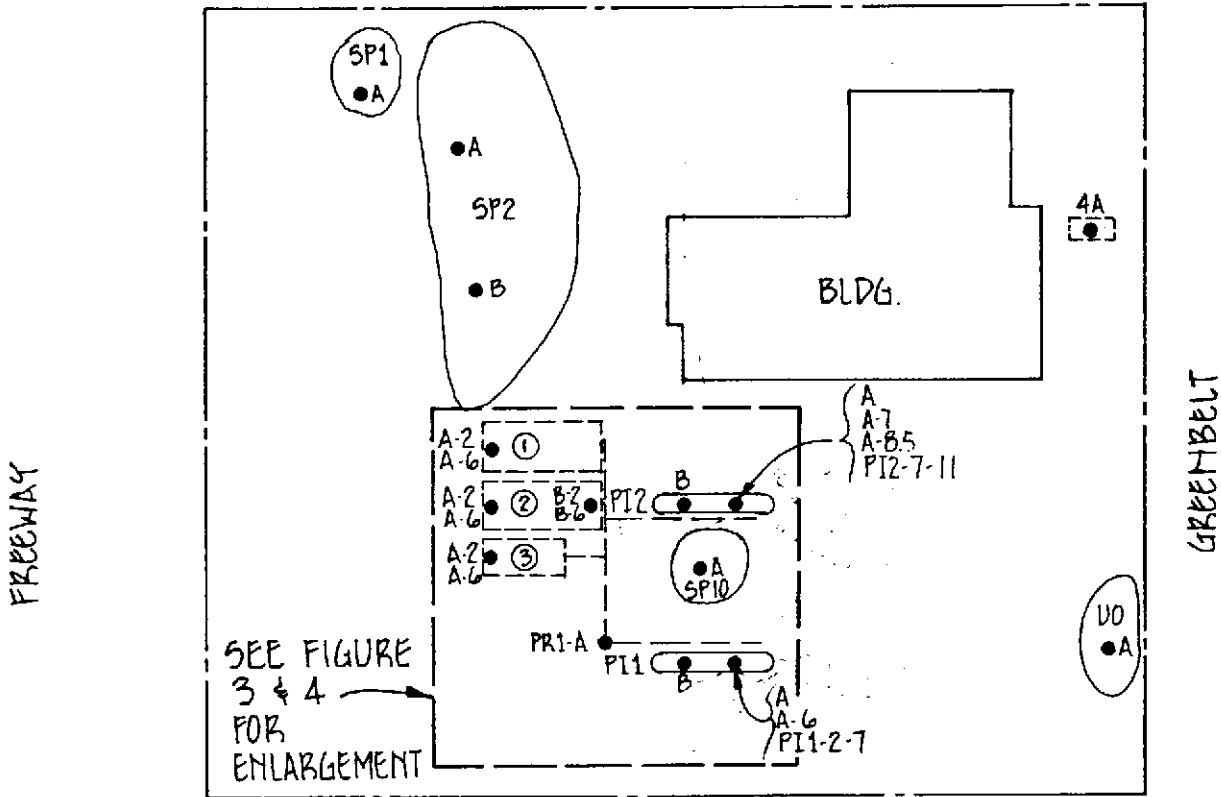
FIGURE

CHEVRON SERVICE STATION # 9-8260
1011 UNIVERSITY AVE.
RIVERSIDE, CA.

1

PREPARED BY: GRH DATE: 07/23/91
CHECKED BY: DATE:

GREENBELT

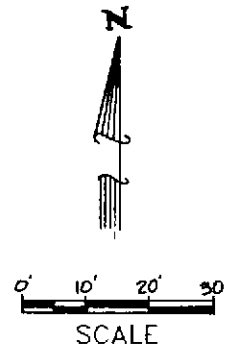


UNIVERSITY AVE.

LEGEND

- ① = PRODUCT TANK & NUMBER ● = SOIL SAMPLE LOCATION
 PI= PUMP ISLAND
 PR= PRODUCT PIPE TRENCH
 SP= SOIL PILE

SITE PLAN OF TOTAL
 SOIL SAMPLE LOCATIONS



Chevron
 Southwest Region
 La Habra, CA

U.S.A. Inc.

SITE PLAN

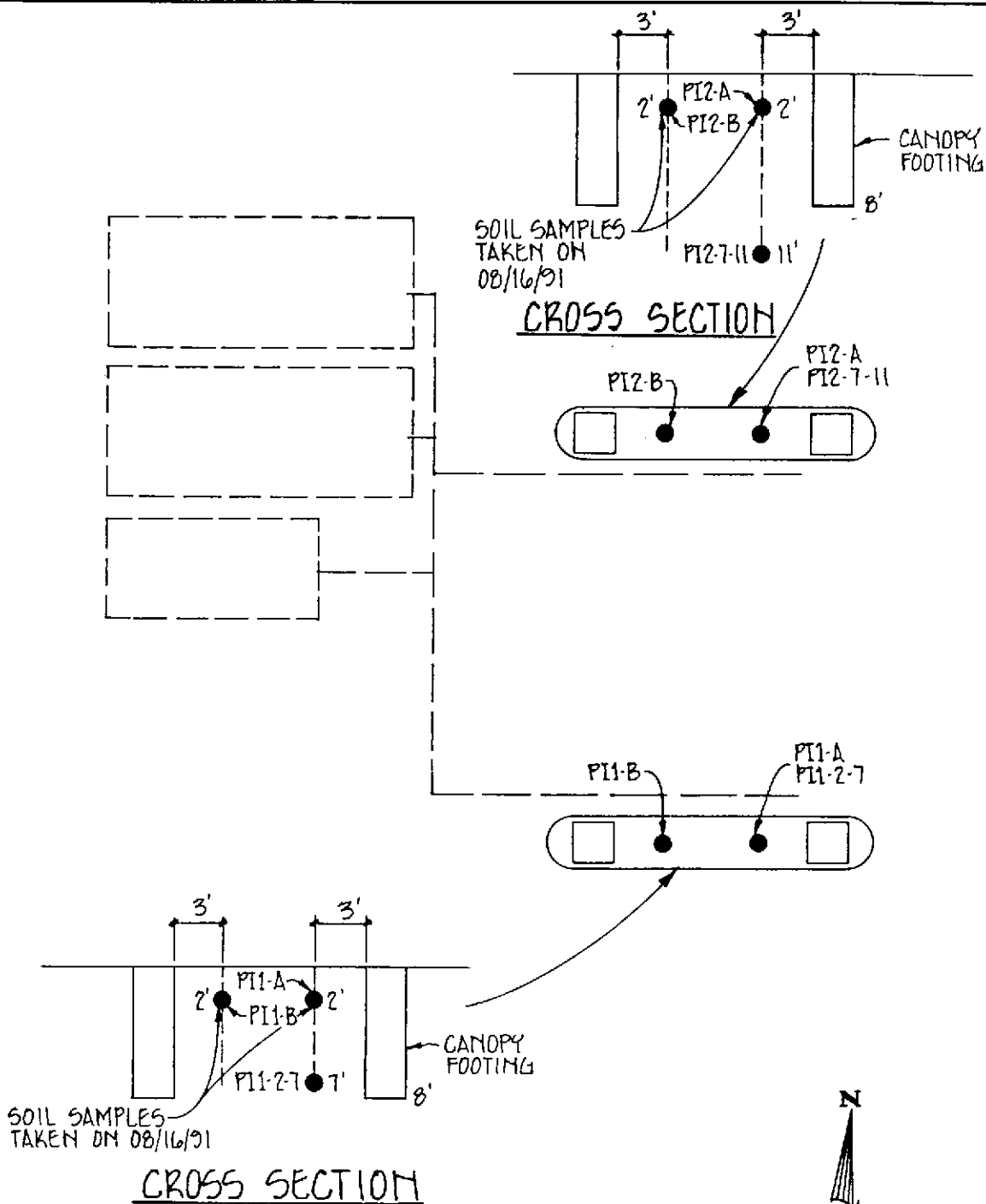
CHEVRON SERVICE STATION # 9-8260
 1011 UNIVERSITY AVE.
 RIVERSIDE, CA.

FIGURE

2

PREPARED BY: GRH DATE: 07/23/91

CHECKED BY: DATE:



LEGEND

□ = CANOPY FOOTING

● = SOIL SAMPLE LOCATION

PI = PUMP ISLAND

HAND AUGER SOIL SAMPLES CONDUCTED ON 8/20/91



Chevron

U.S.A. Inc.

Southwest Region
La Habra, CA

PREPARED BY: GRH

DATE: 10/30/91

CHECKED BY:

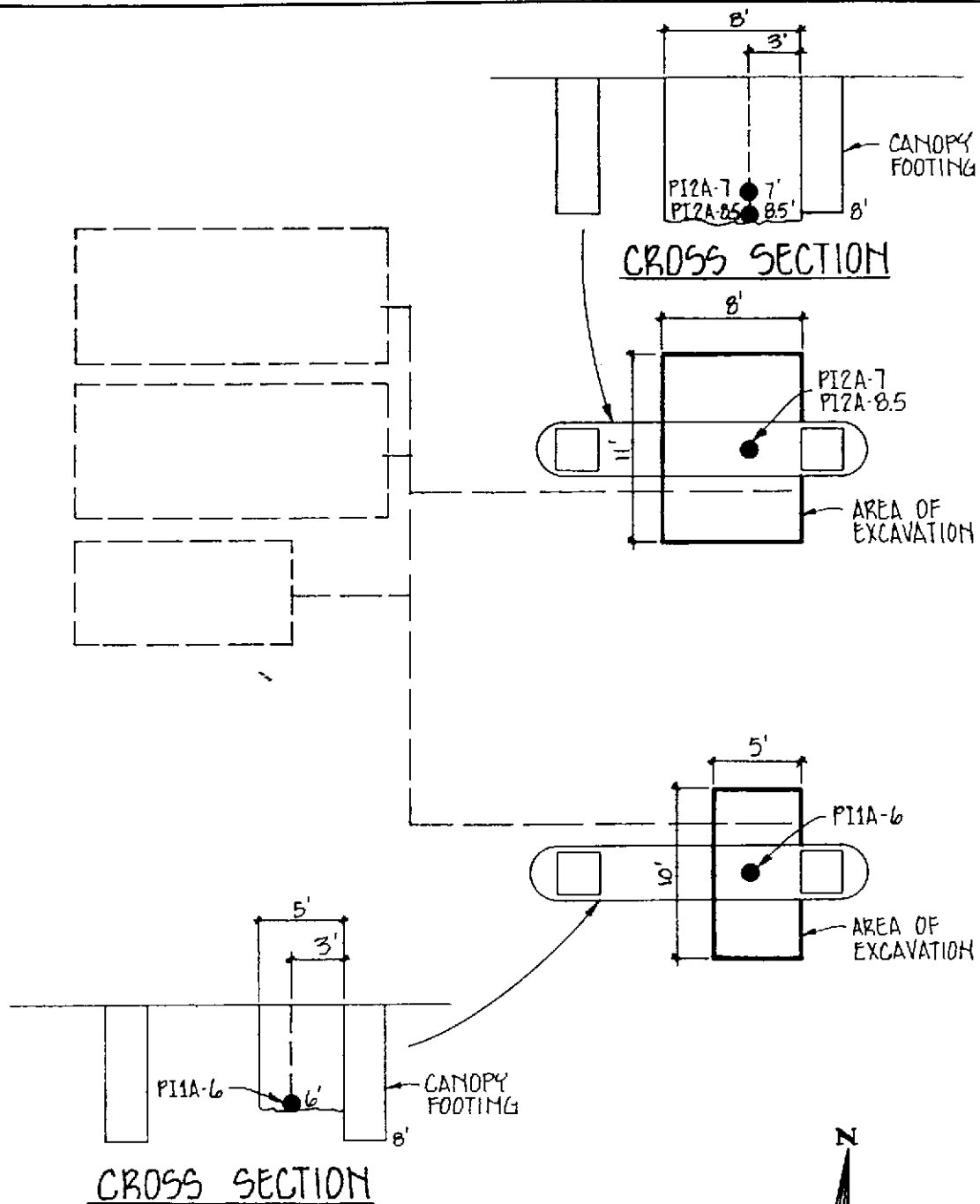
DATE:

SITE PLAN

CHEVRON SERVICE STATION # 9-8260
1011 UNIVERSITY AVE.
RIVERSIDE, CA.

FIGURE

3



LEGEND

□ = CANOPY FOOTING
PI = PUMP ISLAND

● = SOIL SAMPLE LOCATION

EXCAVATION & SOIL SAMPLING CONDUCTED ON 8/23/91



Chevron

Southwest Region
La Habra, CA

U.S.A. Inc.

SITE PLAN

CHEVRON SERVICE STATION # 9-8260
1011 UNIVERSITY AVE.
RIVERSIDE, CA.

FIGURE

4

PREPARED BY: GRH

DATE: 10/30/91

CHECKED BY:

DATE:

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SERVICES DIVISION
HAZARDOUS MATERIALS BRANCH

**UNDERGROUND STORAGE TANK
PERMIT FOR CLOSURE**

TYPE OF PERMIT

Removal (X)

Abandonment in Place ()

Temporary Closure ()

5- 550.00
TOTAL 550.00
CHECK 550.00
CHANGE 0.00

This permit shall not be construed as to allow the violation of any law, nor does it prevent further corrections of errors found on the application, plans, or at the site. Plans must be resubmitted for approval if any additional changes are made by the applicant. ^{07/09/91 12:30} KARI

In addition to this permit, all applicable permits required by the local fire department, building department, and the air quality management district must be obtained and should be available for review at the closure site.

All tank closures must, at a minimum, comply with the California Underground Storage Tank Regulations and the appropriate section of the California Health & Safety Code.

Reynaldo C. Bascara has applied for and is granted a permit to
Owner/Contractor/Applicant

Remove 4 underground storage tank(s) at
Remove/Abandon/Temp. Close No.

Chevron Station located at
Facility Name

1011 University Avenue in Riverside, California.
Street Address City/Town

Underground tank closure inspections must be scheduled five (5) business days in advance. Telephone (714) 358-5055.

[Signature]
Permit Approved By

July 9, 1991
Date

91-220
Plan Check #

*This Permit for Closure is VALID FOR 90 DAYS from the date of approval. If no reasonable action is taken within that period, the applicant will be required to reapply for a closure permit with all pertinent fees associated.

* Must submit Contractor name and contractor number prior to scheduling tank closure date.

COUNTY OF RIVERSIDE, DEPARTMENT HEALTH

UNDERGROUND STORAGE TANK CLOSURE/ABANDONMENT APPLICATION

Application for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

91220
PLAN CHECK NUMBER

NAME OF FACILITY CHEVRON STATION	ADDRESS OF FACILITY (CITY) 1011 UNIVERSITY AVE. RIVERSIDE, CA.	PHONE NUMBER (714) 682-2214
NAME OF OWNER CHEVRON USA, INC.	ADDRESS OF OWNER 1300 S. BEACH BLVD. LA HABRA, CA	PHONE NUMBER (213) 694-9457
NAME OF OPERATOR MICHAEL BURKE	ADDRESS OF OPERATOR	PHONE NUMBER (714) 682-2214
NAME OF CONTRACTOR/CONTACT PERSON	ADDRESS OF CONTRACTOR	PHONE NUMBER

CONTRACTORS LICENSE TYPE & NUMBER

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	SINGLE	SINGLE	SINGLE	SINGLE
TANK IN USE (YES/NO)	YES	YES	YES	YES
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO	NO	NO
AGE OF TANK (YEARS)	27	27	27	27
CONSTRUCTION MATERIAL OF TANK(S)	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL
HAZARDOUS SUBSTANCE STORAGE HISTORY	GAS FUEL	GAS FUEL	GAS FUEL	WASTE OIL

Check the method of closure to be performed:

REMOVAL ☒ABANDONMENT ☐TEMPORARY CLOSURE ☐

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY

DREW NOEL

24 HOUR EMERGENCY PHONE NUMBER

(213) 694-9457

APPLICANT NAME

REYNALDO C. BASCARA

APPLICANT SIGNATURE

Reynaldo C. Bascara

DATE OF APPLICATION

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

CLOSURE/ABANDONMENT FEE

FIRST TANK ----- \$250.00

EACH ADDITIONAL TANK \$100.00

REINSPECTION FEE ----- \$ 50.00

AMOUNT ATTACHED \$ 550.00

TRANSACTION NO.

1824

CONTAMINATED SOIL EXCAVATION LOG

SCAQMD RULE 1166

Date: 8-15-91 Air Monitoring Performed by: Shireen Eckhardt
 AQMD Reference Number: 91106
 Chevron Facility Number: 98 260
 Address: 1011 University Riverside
 Contractor: RD Builders Contractor Contact: Bill Day
 Chevron Construction Engineer: Mario Bautista
 Hours of Operation: 8:25 to 12:30
 Total Quantity of Soil Excavated: 30 cy
 Soil Type: Silty sand w/ clackles
 Weather, wind direction, velocity? 75° 3mph S

Chevron Engineer Notified? Yes ☒ No ☐

Monitor Readings > 50 ppm? Yes ☒ No ☐

Monitor Readings > 1,000 ppm? Yes ☐ No ☒

Was backhoe operator informed? Yes ☒ No ☐

Signature of backhoe operator: _____

Were soil piles segregated into
>50 ppm and <50 ppm piles? Yes ☒ No ☐

Did contractor haul soil while you were
on site air monitoring prior to knowing
laboratory analysis results? Yes ☐ No ☒

Did you collect samples of unanalyzed
soil prior to it being removed
from the site? Yes ☒ No ☐

Time and Date of Soil Sampling: 8-16-91

Monitor Used: TLV Mfg: Bacharach

Model Number: TLV/Fm Calibration Gas: Hexane

Calibration Date: 8/15/91

KFW/3-348/043

SCAQMD RULE 1166 - CONTAMINATED SOIL EXCAVATION LOG

DATE: 8-15-91

Chevron Facility: 9-E260 Address: 1011 University
Riverside, Ca.

Time	PID Reading	LOCATION	
		over each load of soil	Over the working surface
8:25	0 ppm	over each bucket	
8:30	2		
8:35	4		
8:40	10		
8:55	0		
9:00	0		
9:05	2		
9:10	6		
9:55	0		
10:00	5		
10:15	0		
10:40	0		
10:45	5		
10:50	0		
11:05	0		
11:10	10		
11:35	20		
11:40	30		
11:45	44		
12:15	60		

SCAQMD RULE 1166 - CONTAMINATED SOIL EXCAVATION LOG

DATE: 8-15-91

Chevron Facility: 9-8260 Address: 1611 University
Riverside, Ca.

[illegible]

SCAQMD RULE 1166 - CONTAMINATED SOIL EXCAVATION LOG

DATE: 8-16-91

Chevron Facility: 9-8260 Address: 1011 University
Riverside, Ca.

[illegible]



AMERICAN FUEL TANK
METAL
RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 37344

TANK DISPOSAL FORM

Date: 8-19, 1991
Job #
P.O. #

CONTRACTOR: ERICKSON, INC.
ADDRESS: 13738 SLOVER AVE., Fontana, CA 92335
JOB SITE: Chevron USA #9-8260
ADDRESS: 1011 University Ave., Riverside, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE TIME PROJECTED TANKS ORDERED BY LIC NO

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

31514/1124, 1125

Services Rendered	Cost
Disposal Fee	200.00
Extensive Loading Time	150.00
Disposal Fee with Permit	300.00
Fiberglass Tank Disposal Fee Per Tank	400.00
Fiberglass Tank Delivered	200.00
Bobtail Disposal Fee	250.00
Cancellation Fee Del.	250.00

TOTAL CHARGES \$ 2000.00

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.
Contractor's signature represents acceptance
of terms for payment, and confirms that tank
removal complies with State laws.

TANKS RECEIVED				TOTAL
QTY	GALLONS	TYPE F*S*	NET TONS	
	280	<input type="checkbox"/>	.14	
	500	<input type="checkbox"/>	.21	
	550	<input type="checkbox"/>	.24	
1	1000 - 12 ft.	<input checked="" type="checkbox"/>	.44	
	1000 - 6 ft.	<input type="checkbox"/>	.61	
	1500	<input type="checkbox"/>	.87	
	2000	<input type="checkbox"/>	.97	
	2500	<input type="checkbox"/>	1.14	
	3000	<input type="checkbox"/>	1.32	
1	4000	<input checked="" type="checkbox"/>	1.64	
	5000	<input type="checkbox"/>	2.42	
	6000	<input type="checkbox"/>	2.84	
	7500	<input type="checkbox"/>	3.26	
	8000	<input type="checkbox"/>	3.44	
	9000	<input type="checkbox"/>	3.82	
	10000	<input type="checkbox"/>	4.33	
	12000	<input type="checkbox"/>	4.93	

NO. OF TANKS 2 TOTAL NET TONS 0
*F - FIBERGLASS *S - STEEL 105

CONTRACTOR'S SIGNATURE

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED
HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Cheryl Rorie
AUTHORIZED REP.

August 19, 1991
DATE

CONTRACTOR COPY

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. _____
Date 5-16-91

CARRIER: ERICKSON INC.

SCAC

TO: AMERICAN METAL RECYCLING
Consignee 2202 S. MILLIKEN AVE
Street
Destination ONTARIO, CA Zip 91761

FROM: CHEVRON USA # 9-5260
Shipper 1011 UNIVERSITY AVE
Street
Origin RIVERSIDE, CA Zip _____

Vehicle
Number

Route:

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		<u>NON-DET REGULATED MATERIAL</u>					
		<u>GAS FIRE DECONTAMINATED</u>					
		<u>UNDERGROUND TANKS FOR SCRAP</u>					
			<u>NONE</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>NONE</u>
		<u>31514/1124, 1125</u>					
		<u>(5000 K) (1000 K)</u>					

Remit C.O.D. to:

Address:

City:

State:

Zip:

COD Amt: \$

C.O.D. FEE:

Prepaid ☐

Collect ☐ \$

FREIGHT CHARGES

☐ PREPAID ☐ COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the remittance, the consignee shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignee)

RECEIVED, subject to the classifications and lawfully fixed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED

PLACARDS SUPPLIED

☐ YES ☐ NO - FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: CHEVRON USA # 9-5260

PER:

DATE:

EMERGENCY RESPONSE

TELEPHONE NUMBER: _____

CARRIER: ERICKSON INC.
PER: X
DATE: X

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

**AMERICAN FUR
METAL
RECYCLING, INC.**

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 3.345

TANK DISPOSAL FORM

Date: 8-16, 19 91
Job # _____
P.O. # _____

CONTRACTOR: ERICKSON, Inc.
ADDRESS: 13738 Slower Ave., Fontana, CA 92335
JOB SITE: Chevron USA #9-8260
ADDRESS: 1011 University Ave., Riverside, Calif.
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE _____ TIME _____ PROJECTED TANKS _____ ORDERED BY: _____ LIC NO _____

SPECIAL INSTRUCTIONS: _____
TIME IN: _____
TIME OUT: _____
31514/1122, 1123

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
___	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee <u>Del.</u>	250.00

TOTAL CHARGES \$ 0

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.
Contractor's signature represents acceptance
of terms for payment, and confirms that tank
removal complies with State laws.

QTY	TANKS RECEIVED GALLONS	TYPE F* S*	NET TONS	TOTAL
___	280	<input type="checkbox"/> <input type="checkbox"/>	.14	
___	500	<input type="checkbox"/> <input type="checkbox"/>	.21	
___	550	<input type="checkbox"/> <input type="checkbox"/>	.24	
___	1000 - 12 ft.	<input type="checkbox"/> <input type="checkbox"/>	.44	
___	1000 - 8 ft.	<input type="checkbox"/> <input type="checkbox"/>	.61	
___	1500	<input type="checkbox"/> <input type="checkbox"/>	.87	
___	2000	<input type="checkbox"/> <input type="checkbox"/>	.97	
___	2500	<input type="checkbox"/> <input type="checkbox"/>	1.14	
___	3000	<input type="checkbox"/> <input type="checkbox"/>	1.32	
___	4000	<input type="checkbox"/> <input type="checkbox"/>	1.64	
___	5000	<input type="checkbox"/> <input type="checkbox"/>	2.42	
___	6000	<input type="checkbox"/> <input type="checkbox"/>	2.84	
___	7000	<input type="checkbox"/> <input checked="" type="checkbox"/>	3.26	3.26
___	8000	<input type="checkbox"/> <input type="checkbox"/>	3.44	3.26
___	9000	<input type="checkbox"/> <input type="checkbox"/>	3.82	
___	10000	<input type="checkbox"/> <input type="checkbox"/>	4.33	
___	12000	<input type="checkbox"/> <input type="checkbox"/>	4.93	

NO. OF TANKS 2 TOTAL NET TONS 0

*F — FIBERGLASS *S — STEEL 105

CONTRACTOR'S SIGNATURE _____

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED
HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Cheryl Rorie
AUTHORIZED REP.

August 16, 1991
DATE

CONTRACTOR COPY

PAYMENT RECEIVED

MANIFEST

Bill of Lading has been issued and is not a Bill of Lading, nor covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

CARRIER: ERICKSON INC

SCAC _____

Carrier's No. _____

Date 8-16-91

TO: AMERICAN METAL Recycling
 Consignee 2900 S. Milliken Ave
 Street _____
 Destination Channahon Co Zip 91761

FROM: CHEVRON USA # 9-8260
 Shipper _____
 Street 1011 UNIVERSITY AVE
 Origin Riverside, CA Zip _____

Route: _____

Vehicle Number _____

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		<u>NON-ISO REGULATED MATERIAL</u>					
		<u>600 LBS DECONTAMINATED</u>					
		<u>UNDERGROUND TANKS FOR SCRAP</u>					
		<u>31514 / 1122, 1123</u>	<u>NONE</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>NONE</u>
		<u>(7000 K) (7000 K)</u>					

Remit C.O.D. to:

Address: _____

City: _____

State: _____

Zip: _____

COD Amt: \$ _____

C.O.D. FEE:

Prepaid ☐

Collect ☐ \$ _____

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse to the carrier, the carrier shall sign the following statement: The carrier shall not make delivery of the shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

☐ PREPAID ☐ COLLECT

RECEIVED, subject to the conditions and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order and condition (except as noted for contents and condition of contents of packages unknown) is hereby received and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed by each carrier of all or any of, said property, upon any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed by carrier shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above described property is properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED

PLACARDS SUPPLIED

YES ☐ NO ☐ FURNISHED BY CARRIER

SHIPPER: Chevron USA # 9-8260

PER: _____

DATE: 8-16-91

EMERGENCY RESPONSE _____

TELEPHONE NUMBER _____

CARRIER: ERICKSON INC

PER: JAY K

DATE: 8-16-91

Monitored at all times the Hazardous Material is in proper condition for transportation (172.604).

including storage

Please print or type. (Form designed for use on elite (4 pin) typewriter).

**UNIFORM HAZARDOUS
WASTE MANIFEST**

Generator's US EPA ID No.

Manifest
Document No.

Page 1
of 1

Information in the shaded areas
is not required by Federal law.

3. Generator's Name and Mailing Address
CHEURON MARKETING OPERATIONS
1300 S. BEACH BLVD.
LA HABRA, CA 90632-2833
4. Generator's Phone **(213) 694-7299**
5. Transporter 1 Company Name
ERICKSON, INC
6. US EPA ID Number
CA01009466392
7. Transporter 2 Company Name
8. US EPA ID Number

A. State Manifest Document Number
89891796
B. State Generator's ID
HYHQ36-009657
C. State Transporter's ID
210789
D. Transporter's Phone
714-355-5601
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
GIBSON REFINERY
END OF COMMERCIAL DR.
BAKERSFIELD, CA 93308
10. US EPA ID Number
CA0980883177

G. State Facility's ID
CA0980883177
H. Facility's Phone
805-327-0413

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. NON-RCRA HAZARDOUS WASTE LIQUID	0011 TIT	1350 G	State 021 EPA/Other NON/RCRA
b.			State EPA/Other
c.			State EPA/Other
d.			State EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a. **01**
b.
c.
d.

PROFILE # 9019-3

15. Special Handling Instructions and Additional Information
CHEURON USA 9-8260 24 HOUR CONTACT MARIO BAUTISTA
1011 UNIVERSITY AVE GABR00384.53 213-694-7299
RIVERSIDE, CA ENGINEER: MARIO BAUTISTA

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Shireen ECKhardt
Signature
SE Eckhardt
Month Day Year
10/8/16/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
JAMES LAWRENCE
Signature
James Lawrence
Month Day Year
10/8/16/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
TIM BRISTOL
Signature
T-Bristol
Month Day Year
10/8/16/91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

CERTIFICATE OF RECYCLING

This is to certify that the material received on document
number 89891796, dated 8-16-91, has been
properly and legally treated and recycled on 8-16-91.

8-21-91
DATE

Deirdre Shalaby
GIBSON OIL & REFINING CO., INC.

GENERATOR: Cherna USA
1300 S. Beach Blvd
La Habra, Ca 90632

EPAS PAL000010140

A Subsidiary of V.L.S., Inc.

211 East Ocean Blvd., Suite 231
Long Beach, CA 90802
213 / 499-4996 Telex: 664611
FAX 213 / 437-5063

2101 Webster St., Suite 1700
Oakland, CA 94612
415 / 446-7777 Telex: 338-139
FAX 415 / 836-4503

3300 Truxtun Avenue, Suite 200
Bakersfield, CA 93301
805 / 327-0413 Telex: 494-9208
FAX 805 / 861-0229

APPENDIX E

Soil Sampling and Shipping Protocol

The following procedures were performed during soil sampling to insure sample integrity:

- Soil was collected from the excavation with a backhoe. The soil samples were collected from the fresh surface at the teeth of the backhoe bucket.

or

Soil was collected using a hand auger. The soil samples were collected from the fresh surface at the base of the hand auger blade.

- The soil was placed firmly into glass jars and covered with a Teflon-lined cap. The samples were then labeled, and immediately handed over to the mobile laboratory, or placed on ice in a cooler for transport to a laboratory.
- Strict Chain-of-Custody procedures were used to document sample handling, transport and delivery to a State-certified laboratory for analysis.

1715
itch typewriter).

**UNIFORM HAZARDOUS
WASTE MANIFEST**

Generator's US EPA ID No.

Manifest
Document No.

Page 1
of 1

Information in the shaded areas
is not required by Federal law.

3. Generator's Name and Mailing Address

CHEORON USA INC
1300 S BEACH BLVD, LA HABRA CA.

CSSA 9260

A. State Manifest Document Number

90170877

4. Generator's Phone

634-7452

B. State Generator's ID

HYHQ36009657

5. Transporter 1 Company Name

STROVE

6.

US EPA ID Number

LATOLAW ENVIRONMENTAL SERVICES

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8.

US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

LATOLAW ENVIRONMENTAL SERVICES
5295 S. GARNEY RD
IMPERIAL VALLEY CA 92201

10.

US EPA ID Number

G. State Facility's ID

CAD000633164

H. Facility's Phone

(619) 344-9400

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total
Quantity

14. Unit
Wt/Vol

15. Waste No.

a. Non HLA Hazardous Waste Solid

001 DT

1115 Y

State 61
EPA/Other

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

Soil CONTAMINATION
with GASOLINE

K. Handling Codes for Wastes Listed Above

a. 0310 y

b.

c.

d.

15. Special Handling Instructions and Additional Information

Shineen

Service ST # 8260

1011 UNIVERSITY AVE

IMPERIAL VALLEY AVE #60406 TARP LOAD

RIVERSIDE CA 92507

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JULIO PARCOS

Signature

Month Day Year

09/09/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

STEVE KULIN

Signature

Month Day Year

09/09/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Nothing to report. All materials are properly labeled and packaged. 11/11

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

L. Renee Bowen

Signature

Month Day Year

10/10/91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

1ch typewriter).

1. Generator's US EPA ID No.

Manifest

Page 1

Information in the shaded areas
is not required by Federal law.

UNIFORM HAZARDOUS WASTE MANIFEST

CAL000062860B000003

1 of 1

3. Generator's Name and Mailing Address

CHURCH USA INC
1300 S BEACH BLVD, LA HABRA CA 90632-2433

4. Generator's Phone

213-674-7452

5. Transporter 1 Company Name

LAIDLAW ENVIRONMENTAL SERVICES

6. US EPA ID Number

CA0000603121

7. Transporter 2 Company Name

8. US EPA ID Number

A. State Manifest Document Number

90170878

B. State Generator's ID

HYH036009657

C. State Transporter's ID

112-7666

D. Transporter's Phone

213-5784702

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

LAIDLAW ENVIRONMENTAL SERVICES
5295 S GARDEN RD
IMPERIAL VALLEY CA 92201

10. US EPA ID Number

CA0000633164

G. State Facility's ID

CA0000633164

H. Facility's Phone

(619)344-9400

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Non REHA HAZARDOUS WASTE SOLID

12. Containers

No. Type

001 DT

13. Total Quantity

Unit

15 Y

14. Unit

Wt/Vol

L. Waste No.

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

Soil Cont with
GASOLINE

K. Handling Codes for Wastes Listed Above

a. 03/DF1

c.

d.

15. Special Handling Instructions and Additional Information

SH-111111

IMPERIAL AND HIGHTSTAIN LAND

SEVURE ST # 8260
1011 UNIVERSITY AVE
RIVERSIDE CA 92507

16.

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Printed/Typed Name

JULIO PAREDES

Signature

[Signature]

Month Day Year

09/09/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

CHRIS TAYLOR

Signature

[Signature]

Month Day Year

10/10/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

[Signature]

Signature

[Signature]

Month Day Year

[Signature]

19. Discrepancy Indication Space

[Handwritten notes]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

LEONARD W MILLER

Signature

[Signature]

Month Day Year

11/11/91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

8/20/70

Do Not Write Below This Line


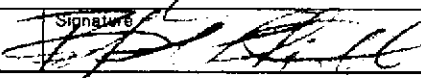

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-6802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No.	Manifest Document No.	Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ENCORP USA INC 1300 S BEACH BLVD, LA HABRA CA 90632-2833		6. US EPA ID Number C5588260	A. State Manifest Document Number 90170879		
4. Generator's Phone 714 641 7432		C. State Generator's ID HYHD36009657		D. State Transporter's ID 4217745	
5. Transporter 1 Company Name Landmark Environmental Services of CA		8. US EPA ID Number FA0000083121	D. Transporter's Phone 619 344-8940		
7. Transporter 2 Company Name		8. US EPA ID Number	E. State Transporter's ID		
9. Designated Facility Name and Site Address LANDMARK ENVIRONMENTAL SERVICES OF CA 5295 SERRAVALLEY RD IMPERIAL VALLEY CA 92291		10. US EPA ID Number FA0000633164	G. State Facility's ID CA0000633164		
H. Facility's Phone (619) 344 9400					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non Aqueous Hazardous Waste SOLID		001 OT	111 E	Y	State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above Soil Cont With CASOLINE		K. Handling Codes for Wastes Listed Above a. 03/DF1 b. c. d.			
15. Special Handling Instructions and Additional Information SHARCON IMPERIAL APP # 80408		Service ST # 8260 1011 KINGSIDE AVE UNIVERSITY RIVERSIDE CA 92507			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name JULIO PEREZ		Signature		Month Day Year 01/09/91	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Byron Alan Winters		Signature		Month Day Year 09/09/91	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name LARRY W. MILLER		Signature		Month Day Year 01/09/91	

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM WASTE MANIFEST		Generator's US EPA ID No.		Manifest Document No.		2. Page 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address CHROMION USA INC				6. US EPA ID Number (55E9260)		A. State Manifest Document Number 90170881			
4. Generator's Phone 213-641-7452				7. US EPA ID Number		B. State Generator's ID HYH036009657			
5. Transporter 1 Company Name AMERICAN ENVIRONMENTAL SERVICES				8. US EPA ID Number (A00000023121)		C. State Transporter's ID 110900			
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 213-518-4700			
9. Designated Facility Name and Site Address LANDFILL ENVIRONMENTAL SERVICES				10. US EPA ID Number		E. State Transporter's ID			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Non ALCA / HAZARDOUS WASTE SOLID				12. Containers No. Type 601 DT		13. Total Quantity 115		14. Unit WT/Vol Y	
a.				b.		c.		I. Waste No. State 611 EPA/Other N/A	
b.				c.		d.		State EPA/Other	
c.				d.		e.		State EPA/Other	
d.				e.		f.		State EPA/Other	
J. Additional Descriptions for Materials Listed Above Soil Cont with Gasoline				K. Handling Codes for Wastes Listed Above a. 031081		b.		c.	
15. Special Handling Instructions and Additional Information SHIPPED				Service Station # 8260 1011 UNIVERSITY AVE RIVERSIDE CA 92507					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name JULIO AMARAL				Signature 		Month Day Year 09/01/91			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name JOHN E. HUNT		Signature 		Month Day Year 09/01/91	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space Greater than 10% difference in quantity received & that manifested. 73 9/7/91									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19				Printed/Typed Name Lorena Brown		Signature 		Month Day Year 09/09/91	



Southwest Region

20000 / 300 Mariner Drive
Torrance, CA 90503
(213) 371-1044
(800) 727-GTEL
Fax (213) 371-8720

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108297
Report Issue Date: August 20, 1991

Ms. Shireen Eckhardt
Chevron ICT
1300 Beach Blvd.
La Habra, CA 90632

Dear Ms. Eckhardt,

Attached please find the analytical results for the samples received by GTEL on 8-19-91. The samples were received and analyzed as indicated on the chain of custody, which is attached. GTEL maintains a formal quality assurance program to ensure the integrity of the analytical results. All quality assurance criteria were achieved during the analysis unless otherwise noted in the footnotes to the analytical report.

The specific analytical methods used and cited in this report are approved by state and federal regulatory agencies. GTEL is certified for the analysis reported herein by the Department of Health Services under certificate number E723.

If you have any questions regarding this analysis, or if we may service any additional analytical needs, please give us a call.

Sincerely,

GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script, appearing to read 'Rebecca Hsu-Chou', is written over the printed name.

Rebecca Hsu-Chou, Ph.D.
Laboratory Director

cc: Mario Bautista

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 1

ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015^a

GTEL Sample Number		1A	2A	3A	4A
Client Identification		1A-2	1A-6	2A-2	2A-6
Date Sampled		8-16-91	8-16-91	8-16-91	8-16-91
Date Extracted		8-16-91	8-16-91	8-16-91	8-16-91
Date Analyzed		8-17-91	8-17-91	8-17-91	8-17-91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	<0.005	0.006	0.006
Ethyl Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	<0.015	<0.015
BTEX (total)	-	0.006	-	0.006	0.006
TPH as Gasoline	10	<10	<10	<10	<10

GTEL Sample Number		5A	6A	7A	8A
Client Identification		3A-2	3A-6	2B-2	2B-6
Date Sampled		8-16-91	8-16-91	8-16-91	8-16-91
Date Extracted		8-16-91	8-16-91	8-16-91	8-16-91
Date Analyzed		8-17-91	8-17-91	8-17-91	8-17-91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	<0.005	0.006	0.008
Ethyl Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	<0.015	<0.015
BTEX (total)	-	0.006	-	0.006	0.008
TPH as Gasoline	10	<10	<10	<10	<10

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 1
 ANALYTICAL RESULTS
 Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015^a

GTEL Sample Number	9A	10A**	11A	12A
Client Identification	PR1A	PI1A	SP1A	SP2A
Date Sampled	8-16-91	8-16-91	8-16-91	8-16-91
Date Extracted	8-16-91	8-16-91	8-16-91	8-16-91
Date Analyzed	8-17-91	8-17-91	8-17-91	8-17-91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Benzene	0.005	<0.005	<0.5	<0.005
Toluene	0.005	<0.005	0.6	<0.005
Ethyl Benzene	0.005	<0.005	<0.5	<0.005
Xylene (total)	0.015	<0.015	9.2	<0.015
BTEX (total)	-	-	9.8	0.005
TPH as Gasoline	10	<10	800*	<10

GTEL Sample Number	13A	14A	15A	16A
Client Identification	SP2B	4A	UOA	PI1B
Date Sampled	8-16-91	8-16-91	8-16-91	8-16-91
Date Extracted	8-16-91	8-16-91	8-16-91	8-16-91
Date Analyzed	8-17-91	8-17-91	8-17-91	8-17-91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Benzene	0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	0.005	0.007
Ethyl Benzene	0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	0.025
BTEX (total)	-	0.006	0.005	0.007
TPH as Gasoline	10	<10	-	<10

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030
 * Chromatograms suggest presence of hydrocarbons heavier than gasoline.
 ** Detection limit raised due to dilution.

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 1

ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015^a

GTEL Sample Number		17A**	18A		
Client Identification		PI2B	PI2A		
Date Sampled		8-16-91	8-16-91		
Date Extracted		8-16-91	8-16-91		
Date Analyzed		8-17-91	8-17-91		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.01	99		
Toluene	0.005	0.02	860		
Ethyl Benzene	0.005	<0.010	300		
Xylene (total)	0.015	0.08	2700		
BTEX (total)	-	0.10	4000		
TPH as Gasoline	10	17*	15000		

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030
 * Chromatograms suggest presence of hydrocarbons heavier than gasoline.
 ** Detection limit raised due to dilution.

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108297
Report Issue Date: August 20, 1991

QA Conformance Summary

Purgeable Aromatics and Total Petroleum Hydrocarbons as Gasoline in Soil EPA Method 8020/8015

GTEL Sample No. Range: 1A-18A Date of Analysis: 8-17-91

1.0 Blanks

0 of 4 target compounds were found in the Reagent blank and the Reagent blank was below detection limit for gasoline as shown in Table 2.

2.0 Independent QC Check Sample

The control limits were met for 4 out of 4 QC check compounds as shown in Table 3.

3.0 Surrogate Compound Recoveries

Percent recovery limits were met for the surrogate compound (Bromofluorobenzene) for all samples as shown in Table 4.

4.0 Matrix Spike (MS) Accuracy

Percent recovery limits were met for 4 of 4 compounds in the MS as shown in Table 5.

5.0 Matrix Spike Duplicate Precision

Relative percent difference (RPD) criteria was met for 4 of 4 compounds in the matrix spike duplicate as shown in Table 6.

6.0 Sample Handling

6.1 Sample handling and holding time criteria were met for all samples.

6.2 There were exceptional conditions requiring dilution of samples.

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108297
Report Issue Date: August 20, 1991

Table 2

REAGENT BLANK DATA

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Date of Analysis: 8-17-91

Analyte	Concentration, mg/Kg
Benzene	<0.005
Toluene	<0.005
Ethyl Benzene	<0.005
Xylene (total)	<0.015
Gasoline	<10

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 3

INDEPENDENT QC CHECK SAMPLE RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8-16-91

Analyte	Expected Result, ug/L	Observed Result, ug/L	Recovery, %	Acceptability Lim- its, % ¹
Benzene	50.0	48.4	96.8	75.1-113
Toluene	50.0	49.3	98.6	73.1-121
Ethyl Benzene	50.0	49.6	99.2	70.5-128
Xylene (total)	150	147	98.0	67.8-140

1 = Acceptability limits are derived from the 99% confidence interval of all samples during the previous quarter.

Table 3a

INDEPENDENT QC CHECK SAMPLE SOURCE

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Analyte	Lot Number	Source
Benzene	LA27016	Supelco
Toluene	LA27016	Supelco
Ethyl Benzene	LA27016	Supelco
Xylene (total)	LA27016	Supelco

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 4

SURROGATE COMPOUND RECOVERY
 Bromofluorobenzene
 Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Acceptability Limits¹: 72.8 - 123 %

GTEL No.	Expected Result, ug/L	Surrogate Result, ug/L	Surrogate Recovery, %
Blank	100	80.7	80.7
1A	100	83.1	83.1
2A	100	80.5	80.5
3A	100	87.6	87.6
4A	100	86.9	86.9
5A	100	84.4	84.4
6A	100	78.7	78.7
7A	100	87.1	87.1
8A	100	95.2	95.2
9A	100	98.0	98.0
10A	100	105	105
11A	100	93.3	93.3
12A	100	91.7	91.7
13A	100	91.2	91.2
14A	100	91.3	91.3
15A	100	88.4	88.4
16A	100	86.0	86.0
17A	100	100	100
18A	100	104	104
MS	100	107	107
MSD	100	105	105

MS = Matrix Spike Sample
 MSD = Matrix Spike Duplicate Sample
 Source: Ultra Scientific, Lot #:STS-110

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108297
 Report Issue Date: August 20, 1991

Table 5

MATRIX SPIKE (MS) RECOVERY REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8-16-91
 Sample Spiked: 2-5.5

Reference: T108216
 Units: mg/Kg

Analyte	Sample Result	Amount Added	MS Result	MS, % Recovery	Acceptability Limits, % ¹
Benzene	0.010	1.85	1.19	63.8	30.9-88.4
Toluene	0.007	1.85	1.42	76.4	29.3-95.3
Ethyl Benzene	<0.005	1.85	1.62	86.5	33.2-106
Xylene (total)	<0.015	5.55	5.08	91.5	36.1-99.7

1 = Acceptability limits are derived from the 99% confidence interval of matrix spikes run during the previous quarter.

<# = Not detected at the indicated detection limit.

Table 6

LABORATORY MATRIX SPIKE DUPLICATE SAMPLE RESULTS
 AND RELATIVE PERCENT DIFFERENCE (RPD) REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8-16-91
 Sample Used: 2-5.5

Reference: T108216
 Units: mg/kg

Analyte	MS, % Recovery	MSD, % Recovery	RPD, %	Maximum RPD, %
Benzene	63.8	63.8	0	30
Toluene	76.4	76.4	0	30
Ethyl Benzene	86.5	87.6	1.26	30
Xylene (total)	91.5	91.5	0	30

CHEVRON USA Inc.
P.O. BOX 2833
LA HABRA, CA
90632-2833

PROJECT NAME CHEVRON/ RIVERSIDE LABORATORY NAME G-TEL Mobile
PROJECT I.D. No. _____ CONTRACT NUMBER _____
CONSULTANT NAME CHEVRON ICI COLLECTED BY (NAME) _____
ADDRESS _____ (SIGNATURE) _____
PROJECT CONTACT (NAME) Maria Bautista COLLECTION DATE 8-16-91
(PHONE) (213) 694-7300
CHEVRON FACILITY No. 9-8260
CHEVRON CONTACT (NAME) SHIREEN ECKHARDT
(PHONE) (213) 694-7352

CHAIN-OF-CUSTODY
RECORD

SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED	ANALYSES TO BE PERFORMED										REMARKS
			SOIL	WATER							MODIFIED EPA 8015 TOTAL PETRO. HYDROCARB.	EPA 418.1 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES - BTXE	EPA 802 AROMATIC VOLATILES - BTXE	METALS ()	OTHER					
1A-2		1	✓		✓		8-16-91	1430		✓	✓	✓									6°C
1A-6		1	✓		✓		8-16-91	1434		✓	✓	✓									Ref #16 Top Shelf
2A-2		1	✓		✓		8-16-91	1435		✓	✓	✓									
2A-6		1	✓		✓		8-16-91	1432		✓	✓	✓									
3A-2		1	✓		✓		8-16-91	1432		✓	✓	✓									
3A-6		1	✓		✓		8-16-91	1432		✓	✓	✓									
2B-2		1	✓		✓		8-16-91	1455		✓	✓	✓									
2B-6		1	✓		✓		8-16-91	1459		✓	✓	✓									
PI1A		1	✓		✓		8-16-91	1505		✓	✓	✓									
SP1A		1	✓		✓		8-16-91	1510		✓	✓	✓									
SP2A		1	✓		✓		8-16-91	1545		✓	✓	✓									
SP2A		1	✓		✓		8-16-91	1550		✓	✓	✓									T1-08-297
SP2B		1	✓		✓		8-16-91	1550		✓	✓	✓									T1-08-298



Chevron U.S.A. Inc.
1300 South Beach Boulevard, La Habra, CA 90632-2833
Mail P.O. Box 2833, La Habra, CA 90632-2833
Phone (213) 694-7352

S. G. (Shireen) Eckhardt
Geologist - Environmental Projects
Marketing Operations
Southwest Region

fax 213 694 9168

RELINQUISHED BY (Signature) <i>S. G. Eckhardt</i>	ORGANIZATION <u>Chevron USA</u>	DATE/TIME <u>8/16/91 4:35</u>	RECEIVED BY (Signature) <i>W. M. McCall</i>	ORGANIZATION <u>G-TEL Mobile</u>	DATE/TIME <u>8-16-91/4:35</u>	TURN AROUND TIME (CIRCLE CHOICE) <u>Mobile Lab</u> 24 HRS 5 DAYS 48 HRS 10 DAYS
RELINQUISHED BY (Signature) _____	ORGANIZATION _____	DATE/TIME _____	RECEIVED BY (Signature) _____	ORGANIZATION _____	DATE/TIME _____	
RELINQUISHED BY (Signature) <i>W. M. McCall</i>	ORGANIZATION <u>G-TEL Mobile</u>	DATE/TIME <u>8/19/91 0700</u>	RECEIVED FOR LABORATORY BY (Signature) <i>Elaine R. Thomas</i>	DATE/TIME <u>8/19/91 7:00am</u>		

90632-2833

(PHONE) (213) 94-7352

COLLECTION DATE 8-16-94

ANALYSES TO BE PERFORMED

60

REMARKS

DATE/TIME



Southwest Region
20000 / 300 Mariner Drive
Torrance, CA 90503
(213) 371-1044
(800) 727-GTEL
Fax (213) 371-8720

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108298
Report Issue Date: August 20, 1991

Ms. Shireen Eckhardt
Chevron ICT
1300 Beach Blvd.
La Habra, CA 90632

Dear Ms. Eckhardt,

Attached please find the analytical results for the samples received by GTEL on 8-19-91. The samples were received and analyzed as indicated on the chain of custody, which is attached.

GTEL maintains a formal quality assurance program to ensure the integrity of the analytical results. All quality assurance criteria were achieved during the analysis unless otherwise noted in the footnotes to the analytical report.

The specific analytical methods used and cited in this report are approved by state and federal regulatory agencies. GTEL is certified for the analysis reported herein by the Department of Health Services under certificate number E723.

If you have any questions regarding this analysis, or if we may service any additional analytical needs, please give us a call.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rebecca Hsu-Chou, Ph.D.
Laboratory Director
cc: Mario Bautista

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108298
Report Issue Date: August 20, 1991

Table 1

ANALYTICAL RESULTS

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

Sample Identification		Date Sampled	Date Extracted	Date Analyzed	Concentration, mg/Kg ¹
GTEL No.	Client ID				
1A	4A	8-16-91	8-16-91	8-16-91	20
2A	UOA	8-16-91	8-16-91	8-16-91	70

1 = Method detection limit = 10 mg/Kg; analyte below this level would not be detected.

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108298
Report Issue Date: August 20, 1991

QA Conformance Summary

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

GTEL Sample No. Range: 1A-2A Date of Analysis: 8-16-91

1.0 Blanks

The method blank was below the detection limit as shown in Table 2.

2.0 Calibration Verification Standards

2.1 The control limits were met for the initial calibration verification standard (ICVS) as shown in Table 3.

3.0 Matrix Spike (MS) Accuracy

The control limits were met for the MS as shown in Table 4.

4.0 Sample Duplicate Precision

Relative percent difference (RPD) criterion was met for the sample duplicate as shown in Table 5.

5.0 Sample Handling

5.1 Sample handling and holding time criteria were met for all samples.

5.2 There were no exceptional conditions requiring dilution of samples.

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108298
Report Issue Date: August 20, 1991

Table 2

METHOD BLANK DATA

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

Date of Analysis: 8-16-91

Analyte	Concentration, mg/Kg
Petroleum Hydrocarbons	<10

< # = Not detected at the indicated detection limit.

Project Number: CHV01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108298
 Report Issue Date: August 20, 1991

Table 3

INITIAL CALIBRATION
 VERIFICATION STANDARDS RESULTS

Petroleum Hydrocarbons in Soil by Infrared
 Modified EPA Method 3550/SM 503E/EPA 418.1

Date of Analysis: 8-16-91

Initial Calibration Verification Standard				
Analyte	Expected Result, mg/L	Observed Result, mg/L	Recovery, %	Acceptability Limits, % ¹
Petroleum Hydrocarbons	54.7	54.7	109	80-120

¹ = Acceptability limits are derived from the 99% confidence interval of all samples during the previous quarter.

Table 3a

INITIAL CALIBRATION
 VERIFICATION STANDARDS SOURCE
 Petroleum Hydrocarbons in Soil by Infrared
 Modified EPA Method 3550/SM 503E/EPA 418.1

Initial Calibration Verification Standard		
Analyte	Lot Number	Source
n-hexadecane	CAS 544-76-3	EM
isooctane	CAS 540-84-1	EM
chlorobenzene	CAS 108-90-7	EM

Project Number: CHV01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108298
Report Issue Date: August 20, 1991

Table 4

MATRIX SPIKE (MS) RECOVERY REPORT

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

Date of Analysis: 8-16-91
Sample Spiked: 1A

Reference: T108298
Units: mg/Kg

Analyte	Sample Result	Amount Added	MS Result	MS, % Recovery	Acceptability Limits, % ¹
Petroleum Hydrocarbons	20.0	50.0	61.0	82.0	68-118

1 = Acceptability limits are derived from the 99% confidence interval of all samples during the previous quarter.

<# = Not detected at the indicated detection limit.

Table 5

LABORATORY DUPLICATE SAMPLE RESULTS
AND RELATIVE PERCENT DIFFERENCE (RPD) REPORT

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

Date of Analysis: 8-16-91
Sample Used: 2A

Reference: T108298
Units: mg/Kg

Analyte	Sample Result	Duplicate Result	RPD, %	Maximum RPD, %
Petroleum Hydrocarbons	70.0	61.0	17.8	20

CHEVRON USA Inc.

P.O. BOX 2833

LA HABRA, CA

90632-2833

PROJECT NAME CHEVRON/ RIVERSIDELABORATORY NAME G-TEL Mobile

PROJECT I.D. No. _____

CONTRACT NUMBER _____

CONSULTANT NAME CHEVRON ICI

COLLECTED BY (NAME) _____

ADDRESS _____

(SIGNATURE) _____

PROJECT CONTACT (NAME) Mario BautistaCOLLECTION DATE 8-16-91(PHONE) (213) 694-7300CHEVRON FACILITY No. 9-8260CHEVRON CONTACT (NAME) SHIREEN ECKHARDT(PHONE) (213) 694-7352

ANALYSES TO BE PERFORMED

SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED	MODIFIED EPA 8015 TOTAL PETRO. HYDROCARB.	EPA 418.1 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES - BTXE	EPA 802 AROMATIC VOLATILES - BTXE	METALS ()	OTHER	DETECTION LIMIT	REMARKS
			SOIL	WATER														
1A-2		1	✓		✓		8-16-91	1430		✓	✓	✓						60c
1A-6		1	✓		✓		8-16-91	1434		✓	✓	✓						Ref #16 Top Shelf
2A-2		1	✓		✓		8-16-91	1435		✓	✓	✓						
2A-6		1	✓		✓		8-16-91	1432		✓	✓	✓						
3A-2		1	✓		✓		8-16-91	1432		✓	✓	✓						
3A-6		1	✓		✓		8-16-91	1432		✓	✓	✓						
2B-2		1	✓		✓		8-16-91	1455		✓	✓	✓						
2B-6		1	✓		✓		8-16-91	1459		✓	✓	✓						
SP1A		1	✓		✓		8-16-91	1505		✓	✓	✓						
SP1A		1	✓		✓		8-16-91	1510		✓	✓	✓						
SP2A		1	✓		✓		8-16-91	1545		✓	✓	✓						
SP2A		1	✓		✓		8-16-91	1550		✓	✓	✓						T1-08-297
SP2B		1	✓		✓		8-16-91	1550		✓	✓	✓						T1-08-298



Chevron U.S.A. Inc.

1300 South Beach Boulevard, La Habra, CA 90632-2833
Mail P.O. Box 2833, La Habra, CA 90632-2833
Phone (213) 694-7352

S. G. (Shireen) Eckhardt
Geologist - Environmental Projects
Marketing Operations
Southwest Region

fax 213 694 9168

RELINQUISHED BY (Signature)

S. G. Eckhardt

ORGANIZATION

Chevron USA

DATE/TIME

8/16/91 4:35

RECEIVED BY (Signature)

Willie Waller

ORGANIZATION

G-TEL Mobile

DATE/TIME

8-16-91/4:35TURN AROUND TIME
(CIRCLE CHOICE)Mobile Lab

24 HRS 5 DAYS

48 HRS 10 DAYS

RELINQUISHED BY (Signature)

Willie Waller

ORGANIZATION

G-TEL Mobile

DATE/TIME

8/19/91 0700

RECEIVED FOR LABORATORY BY (Signature)

Elaine R. Thomas

DATE/TIME

8/19/91 7:00am.

90632-2833

(PHONE) (213) 84-7352

COLLECTION DATE 8-16-54

ANALYSES TO BE PERFORMED

REMARKS

77-08-297
77-08-298

mobile lab
24 HRS 5 DAYS
48 HRS 10 DAYS

DATE/TIME

DATE/TIME

8/9/91 7:00am



Southwest Region

20000 / 300 Mariner Drive
Torrance, CA 90503
(213) 371-1044
(800) 727-GTEL
Fax (213) 371-8720

Project Number: CHV01CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T1-08-445
Report Issue Date: August 27, 1991

Ms. Shireen Eckhardt
Chevron U.S.A., Inc.
300 Beach Blvd.
La Habra, CA 90632

Dear Ms. Eckhardt,

Attached please find the analytical results for the samples received by GTEL on 8/23/91. The samples were received and analyzed as indicated on the chain of custody, which is attached. GTEL maintains a formal quality assurance program to ensure the integrity of the analytical results. All quality assurance criteria were achieved during the analysis unless otherwise noted in the footnotes to the analytical report.

The specific analytical methods used and cited in this report are approved by state and federal regulatory agencies. GTEL is certified for the analysis reported herein by the Department of Health Services under certificate number E723.

If you have any questions regarding this analysis, or if we may service any additional analytical needs, please give us a call.

Sincerely,

GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script, appearing to read 'Rebecca Hsu-Chou', followed by a horizontal line.

Rebecca Hsu-Chou, Ph.D.
Laboratory Director

cc: Mario Bautista

Project Number: CHV01CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T1-08-445
 Report Issue Date: August 27, 1991

Table 1

ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline In Soil
 Modified EPA Method 8020/8015^a

GTEL Sample Number		1A	2A	3A	4A
Client Identification		PI1-A-6	PI2-A-7	SP10A	PI2-A-8.5
Date Sampled		8/23/91	8/23/91	8/23/91	8/23/91
Date Extracted		8/26/91	8/26/91	8/26/91	8/26/91
Date Analyzed		8/26/91	8/27/91	8/27/91	8/26/91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	5.1	<0.005
Toluene	0.005	<0.005	<0.005	61	<0.005
Ethyl Benzene	0.005	<0.005	<0.005	30	<0.005
Xylene (total)	0.015	<0.015	<0.015	400	<0.015
BTEX (total)	-	---	---	500	---
TPH as Gasoline	10	<10	<10	3800	<10

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

Project Number: CHV01CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T1-08-445
Report Issue Date: August 27, 1991

QA Conformance Summary

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

GTEL Sample No. Range: 1A-4A Date of Analysis: 8/26/91
8/27/91

1.0 Blanks

0 of 4 target compounds found in Reagent blank and the Reagent blank was below detection limit for gasoline as shown in Table 2.

2.0 Independent QC Check Sample

The control limits were met for 4 out of 4 QC check compounds as shown in Table 3.

3.0 Surrogate Compound Recoveries

Percent recovery limits were met for the surrogate compound (Bromofluorobenzene) for all samples as shown in Table 4.

4.0 Matrix Spike (MS) Accuracy

Percent recovery limits were met for 4 of 4 compounds in the MS as shown in Table 5.

5.0 Sample Duplicate Precision

Relative percent difference (RPD) criteria was met for 4 of 4 compounds and gasoline in the sample duplicate as shown in Table 6.

6.0 Sample Handling

6.1 Sample handling and holding time criteria were met for all samples.

6.2 There were exceptional conditions requiring dilution of samples.

Project Number: CHV01CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T1-08-445
Report Issue Date: August 27, 1991

Table 2

REAGENT BLANK DATA

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Date of Analysis: 8/23/91

Analyte	Concentration, mg/Kg
Benzene	<0.005
Toluene	<0.005
Ethyl Benzene	<0.005
Xylene (total)	<0.015
Gasoline	<10

Project Number: CHV01CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T1-08-445
 Report Issue Date: August 27, 1991

Table 3

INDEPENDENT QC CHECK SAMPLE RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8/26/91

Analyte	Expected Result, ug/L	Observed Result, ug/L	Recovery, %	Acceptability Limits, % ¹
Benzene	150	147	98.0	75.1-113
Toluene	150	155	103	73.1-121
Ethyl Benzene	150	165	110	70.5-128
Xylene (total)	450	487	108	67.8-140

¹ = Acceptability limits are derived from the 99% confidence interval of all samples during the previous quarter.

Table 3a

INDEPENDENT QC CHECK SAMPLE SOURCE

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Analyte	Lot Number	Source
Benzene	E0110	Ultra Scientific
Toluene	E0110	Ultra Scientific
Ethyl Benzene	E0110	Ultra Scientific
Xylene (total)	E0110	Ultra Scientific

Project Number: CHV01CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T1-08-445
Report Issue Date: August 27, 1991

Table 4
SURROGATE COMPOUND RECOVERY

Bromofluorobenzene

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Acceptability Limits¹: 72.8 - 123 %

GTEL No.	Expected Result, ug/L	Surrogate Result, ug/L	Surrogate Recov- ery, %
Blank	100	100	100
1A	100	97.9	97.9
2A	100	97.7	97.7
3A	100	118	118
4A	100	99.0	99.0

Source: Ultra Scientific, Lot #:STS-110

Project Number: CHV01CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T1-08-445
Report Issue Date: August 27, 1991

Table 5

MATRIX SPIKE (MS) RECOVERY REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Date of Analysis: 8/26/91
Sample Spiked: 1A

Reference: T1-08-363
Units: mg/Kg

Analyte	Sample Result	Amount Added	MS Result	MS, % Recovery	Acceptability Limits, % ¹
Benzene	0.013	3.33	1.92	57.7	30.9-88.4
Toluene	<0.005	3.33	1.95	58.6	29.3-95.3
Ethyl Benzene	<0.005	3.33	2.07	62.2	33.2-106
Xylene (total)	<0.015	10.0	6.26	62.6	36.1-99.7

1 = Acceptability limits are derived from the 99% confidence interval of matrix spikes run during the previous quarter.

<# = Not detected at the indicated detection limit.

Table 6

LABORATORY DUPLICATE SAMPLE RESULTS
AND RELATIVE PERCENT DIFFERENCE (RPD) REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Date of Analysis: 8/26/91
Sample Used: 1A

Reference: T1-08-363
Units: mg/kg

Analyte	Sample Result	Duplicate Result	RPD, %	Maximum RPD, %
Benzene	0.013	<0.005	NA	30
Toluene	<0.005	<0.005	NA	30
Ethyl Benzene	<0.005	<0.005	NA	30
Xylene (total)	<0.015	<0.015	NA	30
TPH as Gasoline	<10	<10	NA	30

NA = Not applicable RPD is not applicable when sample concentration is less than 10 times the method detection limit.

90632-2833

(PHONE) 236 94 7300

COLLECTION DATE 8/23/91

RECORD

T1-08-445

2°C

RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION Chevron USA	DATE/TIME 8/23/91 3:30	RECEIVED BY (Signature) <i>[Signature]</i>	ORGANIZATION G-TELE Env. Labs	DATE/TIME 8/23/91/3:30	TURN AROUND TIME (CIRCLE CHOICE) <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">24 HRS</div> 5 DAYS 48 HRS 10 DAYS
RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION Chevron	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION G-TEL Labs	DATE/TIME 8/23-91/4:30	RECEIVED FOR LABORATORY BY (Signature) <i>[Signature]</i>		DATE/TIME 8/23/91 4:30 PM.	

CHEVRON USA Inc.

P.O. BOX 2833

LA HABRA, CA

90632-2833

PROJECT NAME CHEVRON/ RIVERSIDE

PROJECT I.D. No. _____

CONSULTANT NAME CHEVRON ICI

ADDRESS _____

PROJECT CONTACT (NAME) Magic Bandista(PHONE) (213) 694-7300CHEVRON FACILITY No. 9-8260CHEVRON CONTACT (NAME) SHIREEN ECKHARDT(PHONE) (213) 694-7352LABORATORY NAME G-TEL Mobile

CONTRACT NUMBER _____

COLLECTED BY (NAME) Shireen Eckhardt(SIGNATURE) Shireen EckhardtCOLLECTION DATE 8-16-91

CHAIN-OF-CUSTODY

RECORD

ANALYSES TO BE PERFORMED

SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED	MODIFIED EPA 8015 TOTAL PETRO. HYDROCARB.	EPA 418.1 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES - BTXE	EPA 802 AROMATIC VOLATILES - BTXE	METALS ()	OTHER	DETECTION LIMIT	REMARKS
			SOIL	WATER														
1A-2		1	X		X		8-16-91	1420		X	X		X					
1A-6		1	X		X		8-16-91	1424		X	X		X					
2A-2		1	X		X		8-16-91	1421		X	X		X					
2A-6		1	X		X		8-16-91	1432		X	X		X					
3A-2		1	X		X		8-16-91	1432		X	X		X					
3A-6		1	X		X		8-16-91	1432		X	X		X					
2B-2		1	X		X		8-16-91	1458		X	X		X					
2B-6		1	X		X		8-16-91	1459		X	X		X					
RIA		1	X		X		8-16-91	1525		X	X		X					
RIA		1	X		X		8-16-91	1510		X	X		X					
SP1A		1	X		X		8-16-91	1545		X	X		X					
SP2A		1	X		X		8-16-91	1550		X	X		X					
SP2B		1	X		X		8-16-91	1550		X	X		X					

RELINQUISHED BY (Signature)

Shireen Eckhardt

ORGANIZATION

Chevron USA

DATE/TIME

8/16/91 4:35

RECEIVED BY (Signature)

M. J. McCall

ORGANIZATION

G-TEL Mobile

DATE/TIME

8-16-91/11:35TURN AROUND TIME
(CIRCLE CHOICE)(Mobile Lab)
24 HRS 5 DAYS

48 HRS 10 DAYS

RELINQUISHED BY (Signature)

ORGANIZATION

DATE/TIME

RECEIVED BY (Signature)

ORGANIZATION

DATE/TIME

RELINQUISHED BY (Signature)

ORGANIZATION

DATE/TIME

RECEIVED FOR LABORATORY BY (Signature)

DATE/TIME

90632-2833

(PHONE) 213 694 7300

COLLECTION DATE 8/23/91

ANALYSES TO BE PERFORMED

T1-08-445

2°C

REMARKS

RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION Chevron USA	DATE/TIME 8/23/91 3:30	RECEIVED BY (Signature) <i>[Signature]</i>	ORGANIZATION E-TELE Lab	DATE/TIME 8/23/91 3:30	TURN AROUND TIME (CIRCLE CHOICE) <div style="display: flex; justify-content: space-around;"> 24 HRS 5 DAYS </div> <div style="display: flex; justify-content: space-around;"> 48 HRS 10 DAYS </div>
RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION Chevron	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION E-TEL Lab	DATE/TIME 8/23/91 4:30	RECEIVED FOR LABORATORY BY (Signature) <i>[Signature]</i>	DATE/TIME 8/23/91 4:20 PM		



Southwest Region
20000 / 300 Mariner Drive
Torrance, CA 90503
(213) 371-1044
(800) 727-GTEL
Fax (213) 371-8720

Project Number: THA01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108396
Report Issue Date: August 23, 1991

Mr. Gabriel Cobos
Thomas Hill & Associates
4400 Campus Drive, Suite B
Newport Beach, CA 92660-1811

Dear Mr. Cobos,

Attached please find the analytical results for the samples received by GTEL on 8-21-91. The samples were received and analyzed as indicated on the chain of custody, which is attached. GTEL maintains a formal quality assurance program to ensure the integrity of the analytical results. All quality assurance criteria were achieved during the analysis unless otherwise noted in the footnotes to the analytical report.

The specific analytical methods used and cited in this report are approved by state and federal regulatory agencies. GTEL is certified for the analysis reported herein by the Department of Health Services under certificate number E723.

If you have any questions regarding this analysis, or if we may service any additional analytical needs, please give us a call.

Sincerely,

GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script, reading "Rebecca Hsu-Chou MS".

Rebecca Hsu-Chou, Ph.D.
Laboratory Director

cc: Mario Bautista

Project Number: THA01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108396
 Report Issue Date: August 23, 1991

Table 1

ANALYTICAL RESULTS

**Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015a**

GTEL Sample Number		1A	2A		
Client Identification		PI1-2-7	PI2-7-11		
Date Sampled		8-20-91	8-20-91		
Date Extracted		8-22-91	8-22-91		
Date Analyzed		8-22-91	8-22-91		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005		
Toluene	0.005	<0.005	0.012		
Ethyl Benzene	0.005	<0.005	0.093		
Xylene (total)	0.015	<0.015	1.4		
BTEX (total)	-	-	1.5		
TPH as Gasoline	10	<10	24		

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

Project Number: THA01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108396
Report Issue Date: August 23, 1991

QA Conformance Summary

Purgeable Aromatics and Total Petroleum Hydrocarbons as Gasoline in Soil EPA Method 8020/8015

GTEL Sample No. Range: 1A - 2A Date of Analysis: 8/22/91

1.0 Blanks

0 of 4 target compounds found in Reagent blank and the Reagent blank was below detection limit for gasoline as shown in Table 2.

2.0 Independent QC Check Sample

The control limits were met for 4 out of 4 QC check compounds as shown in Table 3.

3.0 Surrogate Compound Recoveries

Percent recovery limits were not met for the surrogate compound (Bromofluorobenzene) for all samples as shown in Table 4.

4.0 Matrix Spike (MS) Accuracy

Percent recovery limits were met for 4 of 4 compounds in the MS as shown in Table 5.

5.0 Sample Duplicate Precision

Relative percent difference (RPD) criteria was met for 4 of 4 compounds and gasoline in the sample duplicate as shown in Table 6.

6.0 Sample Handling

6.1 Sample handling and holding time criteria were met for all samples.

6.2 There were no exceptional conditions requiring dilution of samples.

Project Number: THA01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108396
Report Issue Date: August 23, 1991

Table 2

REAGENT BLANK DATA

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Date of Analysis: 8/22/91

Analyte	Concentration, mg/Kg
Benzene	<0.005
Toluene	<0.005
Ethyl Benzene	<0.005
Xylene (total)	<0.015
Gasoline	<10

Project Number: THA01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108396
 Report Issue Date: August 23, 1991

Table 3

INDEPENDENT QC CHECK SAMPLE RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8/22/91

Analyte	Expected Result, ug/L	Observed Result, ug/L	Recovery, %	Acceptability Lim- its, % ¹
Benzene	150	143	95.3	75.1-113
Toluene	150	144	96.0	73.1-121
Ethyl Benzene	150	147	98.0	70.5-128
Xylene (total)	450	443	98.4	67.8-140

1 = Acceptability limits are derived from the 99% confidence interval of all samples during the previous quarter.

Table 3a

INDEPENDENT QC CHECK SAMPLE SOURCE

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Analyte	Lot Number	Source
Benzene	E 0110	Ultra Scientific
Toluene	E 0110	Ultra Scientific
Ethyl Benzene	E 0110	Ultra Scientific
Xylene (total)	E 0110	Ultra Scientific

Project Number: THA01.CHV01
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number: T108396
Report Issue Date: August 23, 1991

Table 4
SURROGATE COMPOUND RECOVERY

Bromofluorobenzene

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
EPA Method 8020/8015

Acceptability Limits¹: 72.8 - 123 %

GTEL No.	Expected Result, ug/L	Surrogate Result, ug/L	Surrogate Recov- ery, %
Blank	100	74.9	74.9
1A	100	76.4	76.4
2A	100	139*	139*

* Matrix effect.
Source: Ultra Scientific, Lot #:STS-110

Project Number: THA01.CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T108396
 Report Issue Date: August 23, 1991

Table 5

MATRIX SPIKE (MS) RECOVERY REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8/22/91
 Sample Spiked: 3A

Reference: T1-08-413
 Units: mg/Kg

Analyte	Sample Result	Amount Added	MS Result	MS, % Recovery	Acceptability Limits, % ¹
Benzene	<0.005	3.43	1.78	51.9	30.9-88.4
Toluene	<0.005	3.43	1.71	49.8	29.3-95.3
Ethyl Benzene	<0.005	3.43	1.89	55.1	33.2-106
Xylene (total)	<0.015	10.3	5.50	53.4	36.1-99.7

- 1 = Acceptability limits are derived from the 99% confidence interval of matrix spikes run during the previous quarter.
 <# = Not detected at the indicated detection limit.

Table 6

LABORATORY DUPLICATE SAMPLE RESULTS
 AND RELATIVE PERCENT DIFFERENCE (RPD) REPORT

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 EPA Method 8020/8015

Date of Analysis: 8/22/91
 Sample Used: 3A

Reference: T1-08-413
 Units: mg/kg

Analyte	Sample Result	Duplicate Result	RPD, %	Maximum RPD, %
Benzene	<0.005	<0.005	NA	30
Toluene	<0.005	<0.005	NA	30
Ethyl Benzene	<0.005	<0.005	NA	30
Xylene (total)	<0.015	<0.015	NA	30
TPH as Gasoline	<10	<10	NA	30

NA = Not applicable, RPD is not applicable when sample concentration is less than 10 times the method detection limit.

HUG 21-91 16102 MD UUS P.02
TEL 714-660-0313
INFORMS MAIL & H330C

CHEVRON USA INC.
P.O. BOX 2933
LA HABRA, CA 90832-2933

PROJECT NAME Chevron/Riverside
PROJECT ID. No. 1600256

CONSULTANT NAME Thomas Hill & Assoc.
ADDRESS 4400 Semar Dr. #6 Newport Beach 92660
PROJECT CONTACT NAME Gabe/AMC

PHONE: 714 660-1943

CHEVRON FACILITY No. A-5260

CHEVRON CONTACT NAME Mario Basilio
PHONE: 214 644-7299

LABORATORY NAME BTEL
CONTRACT NUMBER

COLLECTED BY (NAME) Gabe/AMC/Ann Cooper
(SIGNATURE) Gabe/AMC
COLLECTION DATE 8/20/91

CHAIN-OF-REL

SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED	ANALYSES TO BE PERFORMED						DETECTION LIMIT	REMARKS
			SOIL	WATER							MODIFIED EPA 8215 TOTAL PETRO. HYDROCARB.	EPA 8161 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES-BTEX	EPA 802 AROMATIC VOLATILES-BTEX	MTBE	OTHER		
1A	1A	1	X		X		8-20-91	7:57		X								T1-08-396 T1-08-397
1A	1A							8:01										HOLD
2A	2A							8:31										RUN*
3A	3A							8:36										HOLD
4A	4A							9:47										
5A	5A							10:30										
6A	6A							10:51										RUN*
7A	7A							12:57										HOLD
8A	8A							2:00										
9A	9A							2:19										

RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	TURN AROUND TIME (CIRCLE CHOICE)
RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED FOR LABORATORY BY (Signature)		DATE/TIME	
			<u>Elaine R. Thomas</u>			24 HRS 48 HRS 10 DAYS

RECEIVED FAX 8/21/91 5pm

CHEVRON USA INC.

P.O. BOX 2073

LA HABRA, CA

91733-2073

PROJECT NAME Chesron/RiversidePROJECT I.D. No. 100056CONSULTANT NAME Thomas Hill & Assoc.ADDRESS 400 Campus Dr. #6 Newport Bch. 92660PROJECT CONTACT (NAME) GAGE/LMC(PHONE) 714 660-1443CHEVRON FACILITY No. 9-8260CHEVRON CONTACT (NAME) Mario Bautista(PHONE) 213 694-7299LABORATORY NAME GTE

CONTRACT NUMBER

COLLECTED BY (NAME) GAGE/COBOS/Ann Cooper(SIGNATURE) GageCOLLECTION DATE 8/20/91

CHAIN-OF-CUSTODY

RECORD

ANALYSES TO BE PERFORMED

MODIFIED EPA 8015 TOTAL PETRO. HYDROCARB.	EPA 418.1 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES - BTXE	EPA 802 AROMATIC VOLATILES - BTXE	METALS	OTHER	DETECTION LIMIT

30C

T1-08-396

T1-08-397

REMARKS

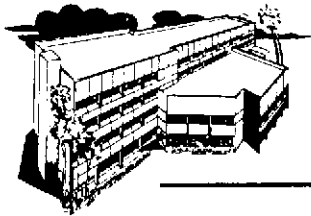
SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED
			SOIL	WATER						
✓ P1-1		1	X		X		8-20-91	7:57		X
✓ P1-2								8:09		
✓ P1-3								8:33		
✓ P1-4								8:56		
✓ P1-5								9:17		
✓ P1-6								10:30		
✓ P1-7								10:54		
✓ P1-8								12:57		
✓ P1-9								1:39		
✓ P1-10								2:00		
✓ P1-11			✓	✓	✓		✓	2:19	✓	✓

RELINQUISHED BY (Signature) <u>Gage</u>	ORGANIZATION <u>Thomas Hill & Assoc.</u>	DATE/TIME <u>8/21/91 7:40</u>	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	TURN AROUND TIME (CIRCLE CHOICE) <u>24 HRS</u> 48 HRS 10 DAYS
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED FOR LABORATORY BY (Signature) <u>Larry Luttal</u>		DATE/TIME <u>8-21-91</u>	

RECEIVED

DEC 30 1991

LYNNHURST CO.
HEALTH DEPT.
Environmental Health
1000 CENTRAL BLVD



COUNTY OF RIVERSIDE DEPARTMENT OF HEALTH

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address-P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

March 16, 1992

Site # 91-776

MS KIM WISEMAN
CHEVRON USA
1300 S. BEACH BLVD., BLDG 4516
P.O. BOX 2833
LA HABRA, CA 90632-2833

RE: Chevron #9-8260 located at 1011 University Ave. in Riverside

Dear Ms. Wiseman:

During a telephone conversation in October of 1991, Ms. Shireen Eckhardt expressed that the contaminated soil at the above referenced site had been remediated. She also indicated that our office should be receiving the closure report very soon. We feel that we have been very patient in waiting for this report, however, we are unable to allow any more time to pass without receiving the report or hearing from your company about this issue.

You are hereby required to submit the closure report, or a status report if the site has not been remediated, on or before Tuesday, March 31, 1992.

If you have any questions, please call me at (714) 358-5055.

Sincerely,

Sharon Boltinghouse
Sharon Boltinghouse
Hazardous Materials Specialist

SB:kw

cc: RWQCB
Shireen Eckhardt (Chevron U.S.A.)

HEALTH CENTERS

BANNING 3055 RAMSEY STREET - Banning, CA 92220 • BLYTHE 263 NORTH BROADWAY - Blythe, CA 92225 • CASA BLANCA 7240 MARGUERITA - Riverside, CA 92504 • CORONA 505 SOUTH BUENA VISTA - Corona, CA 91720 • HEMET 880 NORTH STATE STREET - Hemet, CA 92343 • INDIO 46-209 DAVIS STREET - Indio, CA 92201 • LAKE ELSINORE 30195 FRASER DR. - Lake Elsinore, CA 92530
PALM SPRINGS 3111 TAMQUITZ-McCALLUM - Palm Springs, CA 92262 • PERRIS 237 NORTH "D" ST. - Perris, CA 92370 • RIVERSIDE 1520 LINDEN ST. - Riverside, CA 92507 • JURUPA 9415 MISSION BLVD. - Riverside, CA 92509 • TEMECULA 41002 COUNTY CENTER DRIVE - Temecula, CA 92590



*** FACSIMILE MESSAGE ***

CHEVRON U.S.A. INC.
SOUTHWEST REGION
MARKETING DEPARTMENT
1300 SOUTH BEACH BOULEVARD
LA HABRA, CALIFORNIA 90631

FAX NUMBER: (213) 694-~~7342~~
9168



DATE: 8-27-91

TO:

Inspector
Roy Bryant

PHONE:

714 358 5017

Riverside County Dept. of Health

PAGES:

5

(Includes Cover Page)

FROM:

Shireen Eckhardt
Chevron USA Inc.

PHONE:

213 694 7352

COMMENTS:

IF YOU DO NOT RECEIVE ALL PAGES INDICATED ABOVE,
PLEASE TELEPHONE LA HABRA AT (213) 694-7342.

**Chevron U.S.A. Inc.**

1300 South Beach Boulevard, Building 4516, La Habra, California • Phone (213) 694-7300
Mail Address: PO Box 2833, La Habra, CA 90632 2833

Marketing Department

August 27, 1991

Chevron Station 9-8260
1011 University Ave
Riverside, California

Inspector Roy Bryant
Riverside County Department of Health
4065 County Circle Drive
Riverside, California 92513-7600


Dear Inspector Bryant:

Attached are the analysis results, ~~site plan and chain of custody for the re-excavation of pump islands at the afore mentioned site.~~ Pump island samples PI1A-6, PI2A-7, and PI2A-8.5 contained non-detectable concentrations of hydrocarbons. The numerical values of hydrocarbons in sample SP10-A (the soil-pile generated by the excavation) are:

Benzene	5.1	ppm
Toluene	61	ppm
EthylBenzene	30	ppm
Xylene	400	ppm
TPH	3800	ppm

Soil pile SP10-A will be transported from site and disposed of properly. The pump island excavations have been backfilled with clean imported fill soil. Chevron considers this site to be clean and will submit a formal report requesting closure. Please call me at (213) 694 - 7352 and confirm your agreement.

Very truly yours,
CHEVRON U.S.A., INC.


Shireen Eckhardt
Geologist

Project Number: CHV01CHV01
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number: T1-08-445
 Report Issue Date: August 27, 1991

Table 1

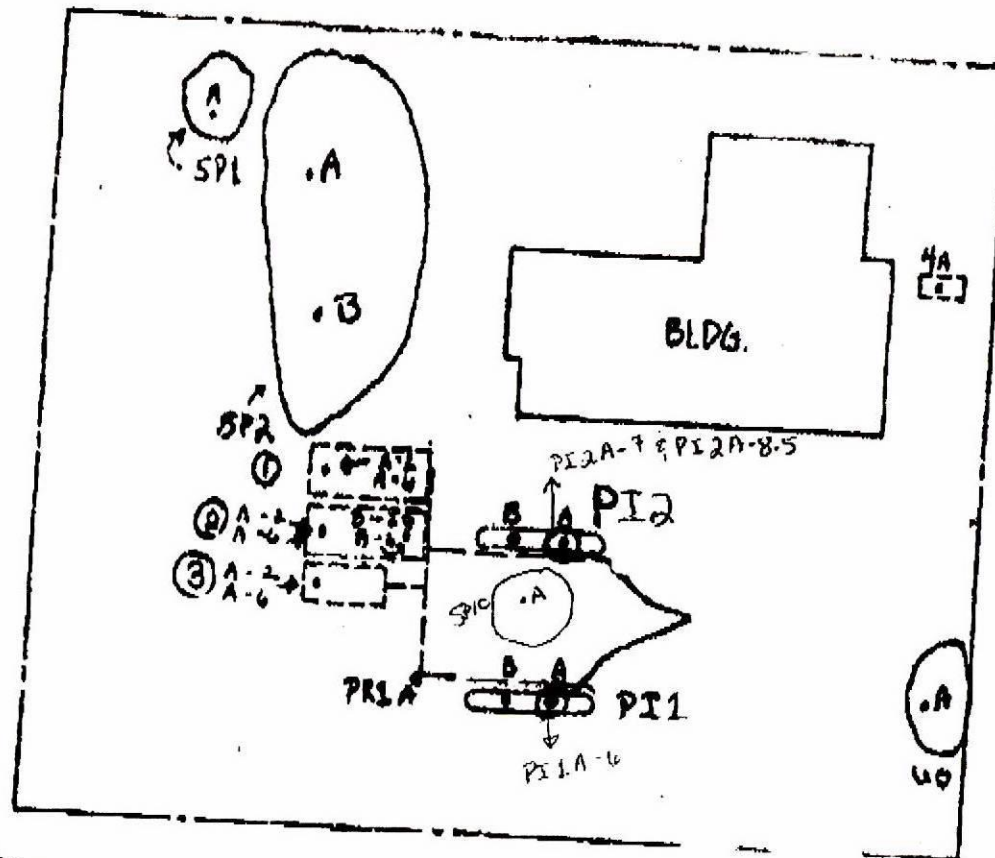
ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015a

GTEL Sample Number		1A	2A	3A	4A
Client Identification		PI1-A-6	PI2-A-7	SP10A	PI2-A-8.5
Date Sampled		8/23/91	8/23/91	8/23/91	8/23/91
Date Extracted		8/26/91	8/26/91	8/26/91	8/26/91
Date Analyzed		8/26/91	8/27/91	8/27/91	8/26/91
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	5.1	<0.005
Toluene	0.005	<0.005	<0.005	61	<0.005
Ethyl Benzene	0.005	<0.005	<0.005	30	<0.005
Xylene (total)	0.015	<0.015	<0.015	400	<0.015
BTEX (total)	-	—	—	500	—
TPH as Gasoline	10	<10	<10	3800	<10

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

Steel pile



UNIVERSITY AVE.

LEGEND

① = PRODUCT TANK & NUMBER ● = SOIL SAMPLE LOCATION
PI = PLIMP ISLAND
PR = PRODUCT PIPE TRENCH
SP = SOIL PILE



A horizontal scale bar with markings at 0, 10, and 20 feet. The word "SCALE" is printed below the bar.



Chevron U.S.A. Inc.
Southwest Region
60 Main, CA

SITE PLAN

CHEVRON SERVICE STATION # 2-0260
1011 UNIVERSITY AVE
RIVERSIDE, CA.

FIGURE

2

PREPARED BY: GRW

DATE: 07/23/91

CHECKED BY:

DATE:

**CHAIN-OF-CUSTODY
RECORD**

RECEIVED

AUG 27 1991

RIVERSIDE CO.
HEALTH DEPT.
Environmental Health
HAZARDOUS MATERIALS

MWD

// soil samples →

We aren't going to recognize samples

Kim Wiseman (213) 694-9155

Pete Martin

FIELD LOG

Date 8-23-91

FACILITY Cherron
ADDRESS 1105 University
CONTACT PERSON Eckhardt
HEALTH PERSONNEL Roy Bryant

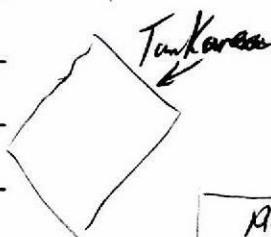
PLAN CHECK NUMBER _____
CITY Riverside
TELEPHONE 213-644-7352
FIRE PERSONNEL None

On 8-23-91 (9:00 AM) I went to 1105 University to observe the soil sampling. The samples were taken from (see Diagram) and sealed with evidence tape.

The samples were taken under where the dispenser were. Sample A was contaminated down to 3 feet under the dispenser and a area about 8 foot around the dispenser.

The pocket of contamination was cleaned up on site A. Site B the contamination pocket was down to 8.5 feet and about 8 foot around. This contamination was removed and placed in the steel pite.

At (1:00 PM) on 8-23-91 I went back to the area to observe the soil sampling from the bottom of the excavation. The samples were sealed with evidence tape and sent to the lab.



Sample taken from

Contaminated soil (Steel pite)

N →

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH DIVISION
HAZARDOUS MATERIALS MANAGEMENT BRANCH
UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT

Date Aug 16, 1991 Time Arrived 1:20 Time Departed 3:55 Temp. Closure
Facility Name Chevron Plan Check # 91-220 Removal X
Address 1011 University Contact _____ Abandonment _____
Contractor Reynaldo E. Bassara No. of Tanks Closed 4
Health Personnel B. Mac Gregor D. Workman No. of Tanks Remaining 0
Fire Personnel _____

I. Temporary Closure

Yes No N/A

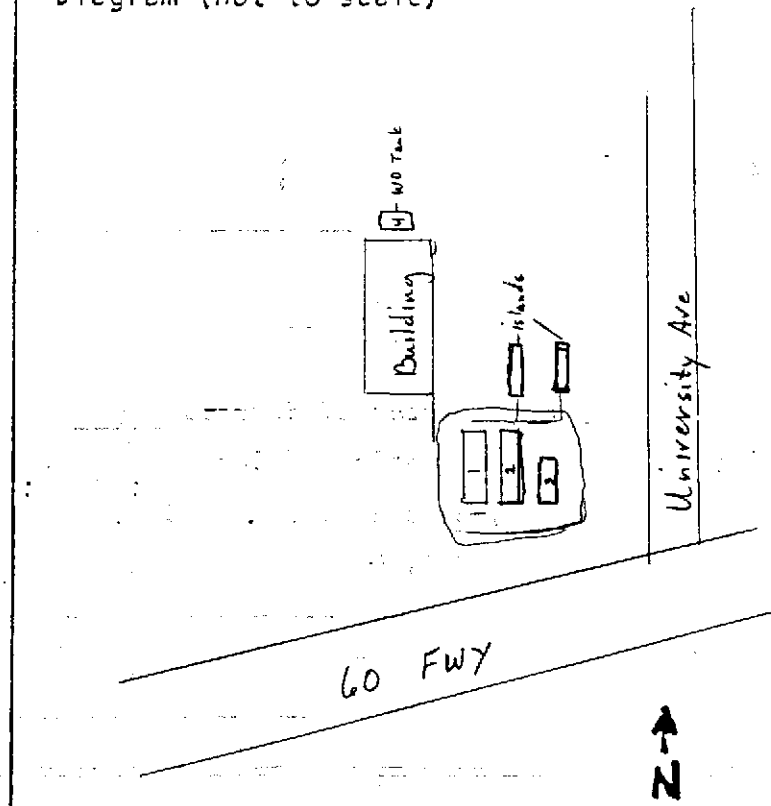
- ☐ ☐ ☐ Valid Closure Permit
☐ ☐ ☐ Tank Contents Removed
☐ ☐ ☐ Witnessed Sticking of Tank(s)
☐ ☐ ☐ Flammable Vapors Purged
☐ ☐ ☐ Tank Filled with Non-Corrosive/
Non-Hazardous Liquid
☐ ☐ ☐ Locks on Fill Caps/
Fill Caps Sealed
☐ ☐ ☐ Product Piping Disconnected
☐ ☐ ☐ Power Disconnected
☐ ☐ ☐ Vent Pipe Open
☐ ☐ ☐ Other _____

II. Removal

Yes No N/A

- ☒ ☐ ☐ Valid Closure Permit
☒ ☐ ☐ Tank Triple Rinsed
☒ ☐ ☐ Manifest Available/Number 89891796
☒ ☐ ☐ Hazardous Waste Hauler Erickson Inc
☒ ☐ ☐ Destination of Rinsate Gibson Refinery - Bakersfield Ca
☒ ☐ ☐ Witnessed Dry-Icing of Tank(s)
☒ ☐ ☐ Tank Tags Removed
U.L. Serial #'s E675847, E675974, E675667, E676847
☒ ☐ ☐ Destination of Tank(s) AMR - Ontario - Ca
☒ ☐ ☐ Condition of Tank(s) Condensation Rust, #3 some pitting
☒ ☐ ☐ Condition of Excavation Clean
☐ ☒ ☐ Soil Staining/Odor
☐ ☒ ☐ Unauthorized Release Form Issued
☐ ☐ ☐ Other _____

Diagram (not to scale)



COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH DIVISION
HAZARDOUS MATERIALS MANAGEMENT BRANCH
UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT

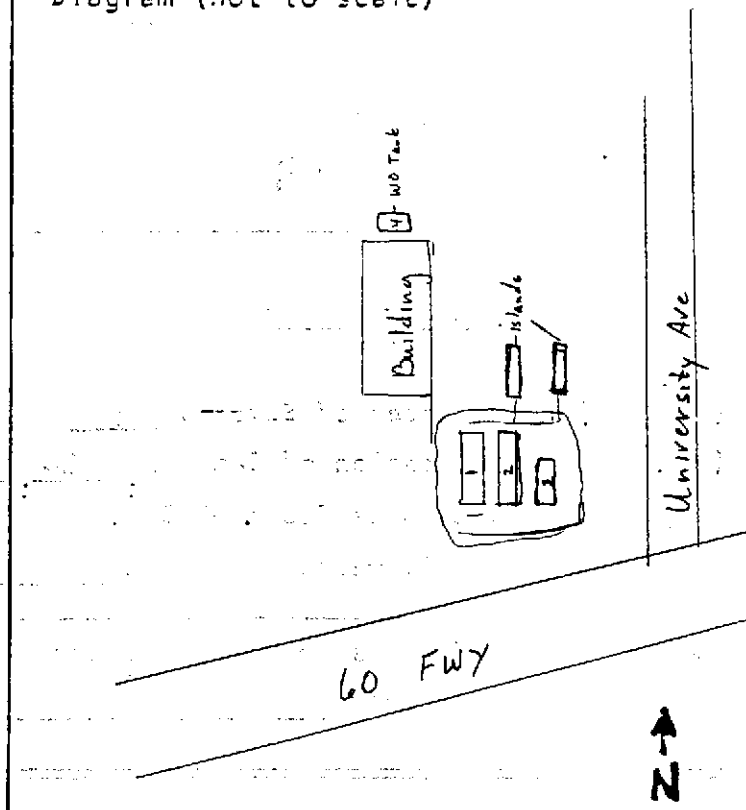
Date Aug 16, 1991 Time Arrived 1:20 Time Departed 3:55 Temp. Closure
Facility Name Cherran Plan Check # 91-220 Removal X
Address 1011 University Contact Abandonment
Contractor Reynaldo C. Bascara No. of Tanks Closed 4
Health Personnel B. Mac Gregor D. Workman No. of Tanks Remaining 0
Fire Personnel

I. Temporary Closure

Yes No N/A

- () () () Valid Closure Permit
() () () Tank Contents Removed
() () () Witnessed Sticking of Tank(s)
() () () Flammable Vapors Purged
() () () Tank Filled with Non-Corrosive/
Non-Hazardous Liquid
() () () Locks on Fill Caps/
Fill Caps Sealed
() () () Product Piping Disconnected
() () () Power Disconnected
() () () Vent Pipe Open
() () () Other

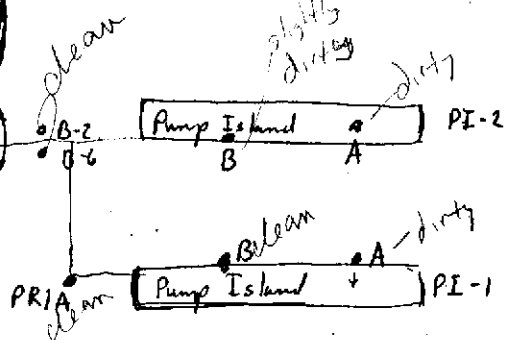
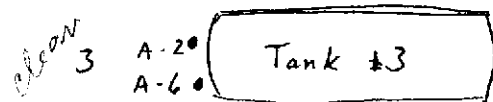
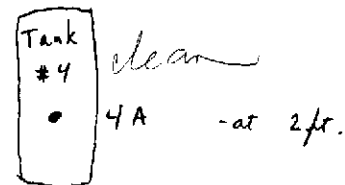
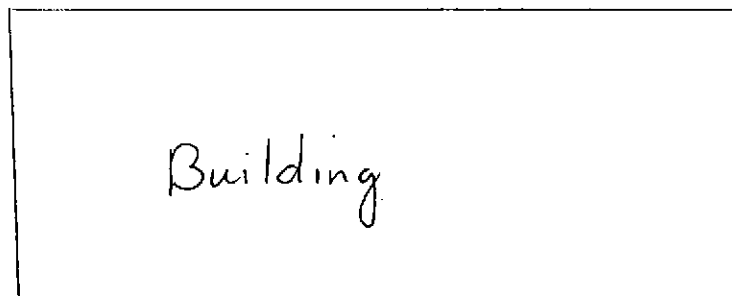
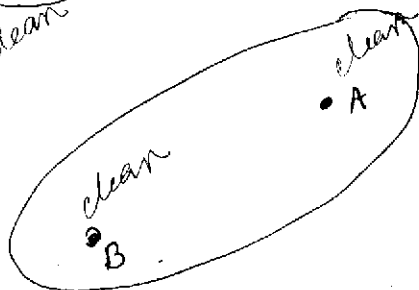
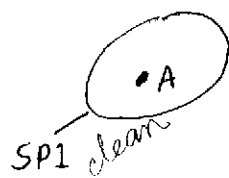
Diagram (not to scale)



II. Removal

Yes No N/A

- 1 (✓) () () Valid Closure Permit
2 (✓) () () Tank Triple Rinsed
3 (✓) () () Manifest Available/Number 89891796
4 (✓) () () Hazardous Waste Hauler Erickson Inc
5 (✓) () () Destination of Rinsate Gibson Refinery - Bakersfield Ca
6 (✓) () () Witnessed Dry-Icing of Tank(s)
(✓) () () Tank Tags Removed
U.L. Serial #('s) E675847, E675974, E58567, E676847
(✓) () () Destination of Tank(s) AMR - Ontario - Ca
(✓) () () Condition of Tank(s) Condensation Rust, #3 some pitting
(✓) () () Condition of Excavation Clean
() (✓) () Soil Staining/Odor
() (✓) () Unauthorized Release Form Issued
() () () Other



University

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Sharon Boltinghouse</u> DATE: <u>8-20-91</u>	
REPORT DATE 08/20/91		CASE # 91-776			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT S. Boltinghouse		PHONE 714-358-5055		SIGNATURE Sharon Boltinghouse
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Riv. County Env. Health		
	ADDRESS P.O. Box 7600 Riverside CA 92513-7600				
RESPONSIBLE PARTY	NAME Chevron USA		CONTACT PERSON Kim Wiseman		PHONE (213) 694-9155
	ADDRESS 1300 S. Beach Blvd. Bldg 4516 La Habra CA 90632				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Chevron Station #9-8260		OPERATOR Mike Burke (temp. closed-remodel)		PHONE ()
	ADDRESS 1011 University Ave. Riverside Riverside 92507				
	CROSS STREET 60 Fwy.				
IMPLEMENTING AGENCIES	LOCAL AGENCY Riv. County Health		CONTACT PERSON Sharon Boltinghouse		PHONE (714) 358-5055
	REGIONAL BOARD Santa Ana		CONTACT PERSON Ken Williams		PHONE (714) 782-4130
SUBSTANCES INVOLVED	(1) <u>Gasoline</u>		NAME		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)				
DISCOVERY/ABATEMENT	DATE DISCOVERED 08/16/91		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 08/16/91				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input checked="" type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)				
COMMENTS	(This area is for additional information, including a description of the site, the nature of the release, and any other relevant details.)				

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Loans and Grants, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS
MANAGEMENT BRANCH

No. 91-776

Page 1 of 1 pages

EMERGENCY RESPONSE, COMPLAINT, INVESTIGATION

Date 8-20-91

SUBJECT: Emergency Response

Time 3:00 a.m. p.m. X

Waste Generators

Underground Storage Tanks X

Response Plans/Inventory

Other

STATE P.O. #

TOTAL TIME SPENT ON

INCIDENT Hours/Min.

SPECIALIST ASSIGNED:

S. Boltinghouse

PRELIMINARY COMPLAINT REVIEWED BY:

AGAINST OR ABOUT:

Name Chevron Station 9-8260

Telephone ()

Address 1011 University

City Riv.

Nearest Cross Street

PERSON REPORTING:

Name S. Boltinghouse

Telephone () 358-5050

Address County Health

City

SUBJECT DESCRIPTION (including material, type, amount, location):

LUST — Dispenser

COMPLAINT RECEIVED BY (CLERK/SPECIALIST) B. MacGregor

OTHER AGENCIES NOTIFIED:

DISPOSITION OF CASE:

Date 8-20-91

Case incorporated into LOP for oversight
of site cleanup

SITE MITIGATION PROGRAM
LEAKING UST REFERRAL NOTICE

Site Name: *Chevron Station 9-8240*
Address: *1011 University Ave*
City and ZIP Code: *Riverside Ca*

Responsible Party Contact Name: *Kim Wiseman (213) 694-9155*
Company Name: *Chevron USA*
Address: *1300 S Beach Blvd. Bldg. 4516*
City, State and ZIP Code: *La Habra Ca 90632*

Total Number of UST's on site: *4*

Total Number of Suspected Leaking UST's (from lab analyses): *Ø Dispenser Leak*

Past and Present Contents of Leaking UST's: *Reg., Unleaded, Premium, WO.*

----- Site Mitigation Use Only -----

Specialist logging case:

Case Funding Source: Federal State

Date Entered in ERCI Logbook:

Date ERCI Form Completed:

Date Unauthorized Release Report
Completed: Sent:

Date Prop. 65 Notification Process Completed:

Date Case Logged in Site Mitigation Computer:

Quarterly Report Generated for:
 Site Mitigation Accounting Department
 File

Date RP Notification Letter Sent:

Date Reimbursement Letter Sent:

Date Work Request Letter Sent:

 File Folder Generated

----- CLOSED CASES -----

 Quarterly Report Given to Accounting Department

 Closure Letter Given to Accounting Department



Chevron U.S.A. Inc.

1300 South Beach Boulevard, Building 4516, La Habra, California • Phone (213) 694-7300
Mail Address: P.O. Box 2833, La Habra, CA 90632 2833

Marketing Department

August 19, 1991

Chevron Station 9-8260
1011 University Ave
Riverside, California

Brenda J. MacGregor
Department of Health
4065 County Circle Drive
Riverside, California 92513-7600

Dear Ms. MacGregor:

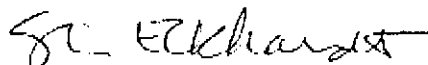
Attached are the analysis results, site plan and chain of custody for the afore mentioned site. The range of hydrocarbons in samples PI1-A (Pump Island #1) and PI2-A (Pump Island #2) are:

Benzene	<.5	to	99	ppm
Toluene	.55	to	860	ppm
EthylBenzene	<.5	to	300	ppm
Xylene	9.2	to	2700	ppm
TPH	800	to	15000	ppm

On August 20 Chevron intends to hand auger the area near samples PI1-A and PI2-A to determine the extent of hydrocarbon impacted soil. Chevron would like to use the existing soil piles SP1, SP2, and UO to backfill the tank pits.

Please call me at (213) 694- 7352 and confirm your agreement.

Very truly yours,
CHEVRON U.S.A., INC.


Shireen Eckhardt
Geologist

cc: M. B. Bautista, Chevron
K. F. Wiseman, Chevron
D. J. Gallagher, Chevron

Cheror 9-8260

8-16-91

Project Number:
Contract Number: 6CSW23231X
Facility Number: 9-8260
Work Order Number:
Report Issue Date: May 17, 1991

Table 1

ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
as Gasoline in Soil
Modified EPA Method 8020/8015a

GTEL Sample Number					
Client Identification		1A-2	1A-6	2A-2	2A-6
Date Sampled		8/16/91			
Date Extracted		8/16/91			
Date Analyzed		8/17/91			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	<0.005	0.006	0.006
Ethyl Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	<0.015	<0.015
BTEX (total)	-	0.006	-	0.006	0.006
TPH as Gasoline	10	<10	<10	<10	<10

GTEL Sample Number					
Client Identification		3A-2	3A-6	2B-2	2B-6
Date Sampled		8/16/91			
Date Extracted		8/16/91			
Date Analyzed		8/17/91			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	<0.005	0.006	0.008
Ethyl Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	<0.015	<0.015
BTEX (total)	-	0.006	-	0.006	0.008
TPH as Gasoline	10	<10	<10	<10	<10

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

B. Joy
8/17/91

GTEL Torrance, CA
BTEXSSDM.SET



Project Number:
 Contract Number: 6CSW23231X
 Facility Number: 9-8260
 Work Order Number:
 Report Issue Date: May 17, 1991

Table 1
 ANALYTICAL RESULTS

Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015a

GTEL Sample Number					
Client Identification		PIA	PIIA	SPIA	SP2A
Date Sampled		8/16/91			
Date Extracted		8/16/91			
Date Analyzed		8/17/91			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.50	<0.005	<0.005
Toluene	0.005	<0.005	0.55	0.005	<0.005
Ethyl Benzene	0.005	<0.005	<0.50	<0.005	<0.005
Xylene (total)	0.015	<0.015	9.20	<0.015	<0.015
BTEX (total)	-	-	9.8	0.005	-
TPH as Gasoline	10	<10	800 *	<10	<10

GTEL Sample Number					
Client Identification		SP2B	4A	UOA	PIIB
Date Sampled		8/16/91			
Date Extracted		8/16/91			
Date Analyzed		8/17/91			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	0.006	0.005	0.007	0.008
Ethyl Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	0.015	<0.015	<0.015	<0.015	0.015
BTEX (total)	-	0.006	0.005	0.007	0.033
TPH as Gasoline	10	<10	-	-	<10

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

* Chromatograms suggest presence of hydrocarbons other than those of gasoline

GTEL Torrance, CA
 BTEXSSDM.SET

Project Number:
 Contract Number: MT6CSWT8860
 Facility Number: 9-8240
 Work Order Number:
 Report Issue Date: November 29, 1990

Table 1
 ANALYTICAL RESULTS
 Purgeable Aromatics and Total Petroleum Hydrocarbons
 as Gasoline in Soil
 Modified EPA Method 8020/8015a

GTEL Sample Number				
Client Identification		PI 2B	PI 2A	
Date Sampled		8/16/91		
Date Extracted		8/16/91		
Date Analyzed		8/17/91		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Benzene	0.005	<0.010	99	
Toluene	0.005	0.020	860	
Ethyl Benzene	0.005	<0.010	300	
Xylene (total)	0.015	0.083	2700	
BTEX (total)	-	0.10	4000	
TPH as Gasoline	10	17 *	15,000	

GTEL Sample Number				
Client Identification				
Date Sampled				
Date Extracted				
Date Analyzed				
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Benzene	0.005			
Toluene	0.005			
Ethyl Benzene	0.005			
Xylene (total)	0.015			
BTEX (total)	-			
TPH as Gasoline	10			

* Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision O, US EPA Methods November 1986; Extraction by EPA Methods 3550 and 5030

* Chromatograms suggest presence of hydrocarbons other than those of gasoline.

B. Jew 8/17/91

GTEL Torrance, CA
 MT6CSWT8860

Project Number:
Contract Number: 6CSW23231X
Facility Number: 9-8280
Report Issue Date: August 19, 1991

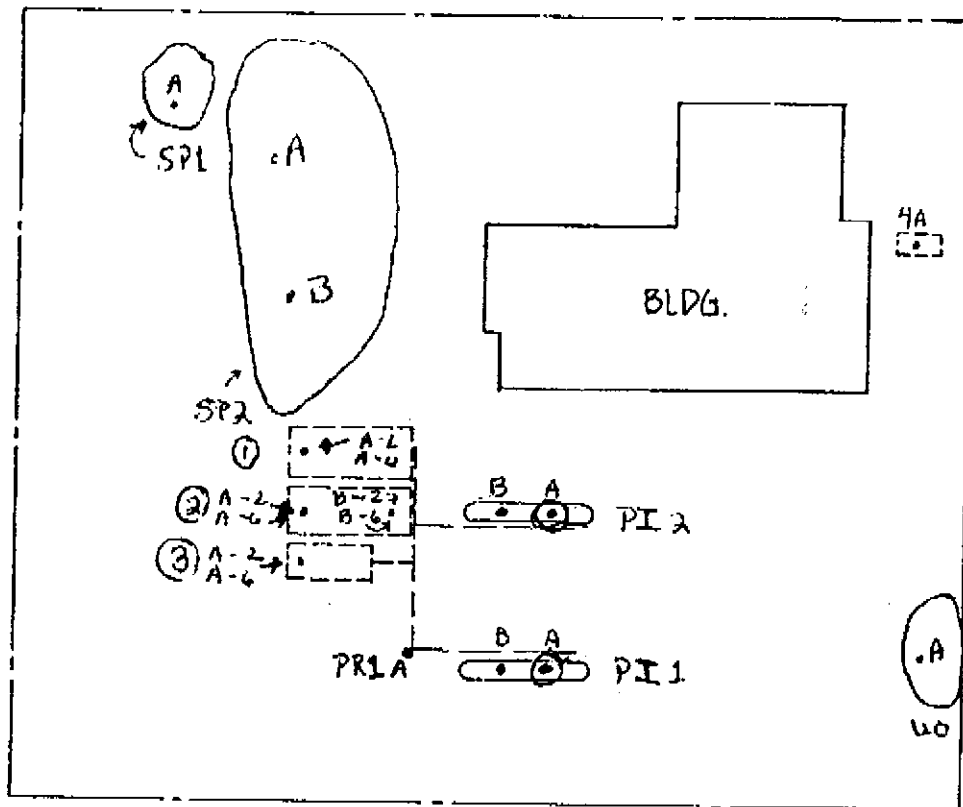
Table 1

ANALYTICAL RESULTS

Petroleum Hydrocarbons in Soil by Infrared
Modified EPA Method 3550/SM 503E/EPA 418.1

Sample Identification		Date Sampled	Date Extracted	Date Analyzed	Concentration, mg/Kg ¹
GTEL No.	Client ID				
1A	4A	8-16-91	8-16-91	8-17-91	20
2A	VOA	8-16-91	8-16-91	8-17-91	70

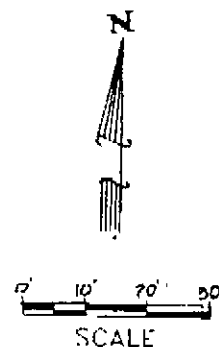
1 - Method detection limit = 5 mg/Kg; analyte below this level would not be detected.



UNIVERSITY AVE.

LEGEND

① = PRODUCT TANK & NUMBER ● = SOIL SAMPLE LOCATION
 PI = PUMP ISLAND
 PR = PRODUCT PIPE TRENCH
 SP = SOIL PILE



Chevron U.S.A. Inc.
 Southwest Region
 La Habra, CA

SITE PLAN

CHEVRON SERVICE STATION # 9-8260
 1011 UNIVERSITY AVE.
 RIVERSIDE, CA

FIGURE

2

PREPARED BY: GRH DATE: 07/23/91

CHECKED BY: DATE:

CHEVRON USA Inc.
P.O. BOX 2833
LA HABRA, CA
90632-2833

PROJECT NAME CHEVRON/ RIVERSIDE

PROJECT I.D. No. _____

CONSULTANT NAME CHEVRON ICI

ADDRESS _____

PROJECT CONTACT (NAME) Maria Bandista

(PHONE) (213) 694-7300

CHEVRON FACILITY No. 9-226

CHEVRON CONTACT (NAME) SHIREEN ECKHARDT

(PHONE) (213) 694-7352

LABORATORY NAME G-TEL Mobile

CONTRACT NUMBER _____

COLLECTED BY (NAME) Shireen Eckhardt

(SIGNATURE) Shireen Eckhardt

COLLECTION DATE 8-16-91

CHAIN-OF-CUSTODY

RECORD

CHEVRON FACILITY No. 9-8260			ANALYSES TO BE PERFORMED										REMARKS						
CHEVRON CONTACT (NAME) SHIREEN ECKHART																			
PHONE (213) 694-7352																			
IPHONE (213) 694-7352																			
SAMPLE No.	LAB No.	NUMBER OF CONTAINERS	MATRIX		GRAB	COMPOSITE	DATE	TIME	ACIDIFIED	ICED	MODIFIED EPA 8015 TOTAL PETRO. HYDROCARB.	EPA 4181 TOTAL RECOVERABLE PETROLEUM HYDROCARB.	EPA 8020 AROMATIC VOLATILES-BTXE	EPA 602 AROMATIC VOLATILES-BTXE	METALS ()	OTHER	HOLD	DETECTION LIMIT	
			SOIL	WATER															
1A-2		1	X		Y		8-16-91	1400		X		X							
1A-6		1	X		Y		8-16-91	1404		X		X							
2A-2		1	X		Y		8-16-91	1420		X		X							
2A-6		1	X		Y		8-16-91	1432		X		X							
3A-2		1	X		Y		8-16-91	1432		X		X							
3A-6		1	X		Y		8-16-91	1432		X		X							
4A-2		1	X		Y		8-16-91	1458		X		X							
4A-6		1	X		Y		8-16-91	1458		X		X							
5A-2		1	X		Y		8-16-91	1458		X		X							
5A-6		1	X		Y		8-16-91	1459		X		X							
6A-2		1	X		Y		8-16-91	1525		X		X							
6A-6		1	X		Y		8-16-91	1510		X		X							
7A-2		1	X		Y		8-16-91	1545		X		X							
7A-6		1	X		Y		8-16-91	1550		X		X							
8A-2		1	X		Y		8-16-91	1550		X		X							
8A-6		1	X		Y		8-16-91	1550		X		X							

RELINQUISHED BY (Signature) <u>Shireen Eckhardt</u>	ORGANIZATION <u>Chevron USA</u>	DATE/TIME <u>8/16/91 4:35</u>	RECEIVED BY (Signature) <u>Maria Bandista</u>	ORGANIZATION <u>G-TEL Mobile</u>	DATE/TIME <u>8-16-91/11:35</u>	TURN AROUND TIME (CIRCLE CHOICE) <u>Lab</u> 24 HRS 5 DAYS 48 HRS 10 DAYS
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED FOR LABORATORY BY (Signature)		DATE/TIME	

RELINQUISHED BY (Signature) <i>[Signature]</i>	ORGANIZATION <i>Chem. USA</i>	DATE/TIME <i>8/16/91 4:35</i>	RECEIVED BY (Signature) <i>[Signature]</i>	ORGANIZATION <i>C-Tel Mobile</i>	DATE/TIME <i>8/16/91 4:35</i>	TURN AROUND TIME (CIRCLE CHOICE) 24 HRS 5 DAYS 48 HRS 10 DAYS
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED BY (Signature)	ORGANIZATION	DATE/TIME	
RELINQUISHED BY (Signature)	ORGANIZATION	DATE/TIME	RECEIVED FOR LABORATORY BY (Signature)		DATE/TIME	

ATTACHMENT "FOUR B" TO
EXHIBIT "B" TO
WATER RESOURCES CONTROL BOARD
STANDARD AGREEMENT NO. 8-115-550-2

County of Riverside
Department of Health

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

Notice of Reimbursement

Site Code 91-776

Date First Reported 8/20/91

Site Name CHEVRON 9-8260

Substance 12036

Address 1011 UNIVERSITY AVE

Petroleum (X) Yes () No

City/State/Zip RIVERSIDE CA 92507

The following information has been provided to:

Responsible Party Contact Person KIM WISEMAN


Responsible Party Contact Company CHEVRON USA

Address 1300 S BEACH BLVD BLDG 4516

City/State/Zip LA HABRA CA 90632

Whereas the federal Petroleum Leaking Underground Storage Tank Trust Fund provides funding to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the Legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the federal Trust Fund; and Whereas the above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site; YOU ARE HEREBY NOTIFIED that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Section 25360 of the Health and Safety Code, the above Responsible Party or Parties shall reimburse the State Water Resources Control Board not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties shall make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

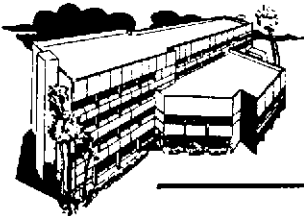
Contract Project Director:


Signature

(714) 358-5055

Telephone Number

Date 8-21-91



COUNTY OF RIVERSIDE DEPARTMENT OF HEALTH

Dr. Sparks
Acting Director of Health
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

Phone:

4065 COUNTY CIRCLE DR. RIVERSIDE, CA. 92503
(Mailing Address—P.O. Box 7600 Riverside, CA. 92513-7600)
FAX (714) 358-4529

Kim Wiseman
Chevron USA
1300 S. Beach Blvd., Bldg. 4516
La Habra, CA 90632

site 91-776

Dear Ms. Wiseman

RE: Chevron #9-8260

The purpose of this letter is to inform you that County of Riverside, Department of Health, Environmental Health Services Division, Hazardous Materials Branch has entered into an agreement with the State of California Water Resources Control Board to oversee the cleanup and mitigation of contaminated sites resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the groundwaters of the state from contamination and to protect the public from exposure from hazardous chemicals.

The oversight program developed by the State and administered by the County is funded by State and Federal monies and is subject to reimbursement by the responsible parties for each specific site. The County will account for time and materials expended at each cleanup site. On a routine basis, the State will be provided with the amounts detailing the time and expenses. The State will then invoice the responsible party for all direct and indirect cost associated with the cleanup of the site.

Enclosed you will find the Notice of Reimbursement. This is the formal notification concerning the reimbursement requirements for the responsible party. If any of the information is incorrect or if you should have any questions, contact this office as soon as possible at (714) 358-5055.

Sincerely

Sharon Boltinghouse
Hazardous Materials Specialist

SB:cjm

cc:SWRCB
RWQCB

CINDA ROWELL, B.S.N., M.B.A.
DEPUTY DIRECTOR OF HEALTH
PERSONAL HEALTH SERVICES

JOHN FANNING, R.E.H.S., M.P.A.
DEPUTY DIRECTOR OF HEALTH
ENVIRONMENTAL HEALTH SERVICES

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M.C. HOLK, D.V.M., M.P.H.
DEPUTY DIRECTOR OF HEALTH
SPECIAL SERVICES

HEALTH CENTERS

BANNING 3055 RAMSEY STREET - Banning, CA 92220 • BLYTHE 263 NORTH BROADWAY - Blythe, CA 92225 • CASA BLANCA 7240 MARGUERITA - Riverside, CA 92504 • CORONA 505 SOUTH BUENA VISTA - Corona, CA 91720 • HEMET 880 NORTH STATE STREET - Hemet, CA 92343 • INDIO 46-209 OASIS STREET - Indio, CA 92201 • LAKE ELSINORE 30195 FRASER DR. - Lake Elsinore, CA 92530
PALM SPRINGS 3111 TANQUITZ-McCALLUM - Palm Springs, CA 92262 • PERRIS 237 NORTH "D" ST. - Perris, CA 92370 • RIVERSIDE 1520 LINDEN ST. - Riverside, CA 92507 • JURUPA 9415 MISSION BLVD. - Riverside, CA 92509 • TEMECULA 41002 COUNTY CENTER DRIVE - Temecula, CA 92390